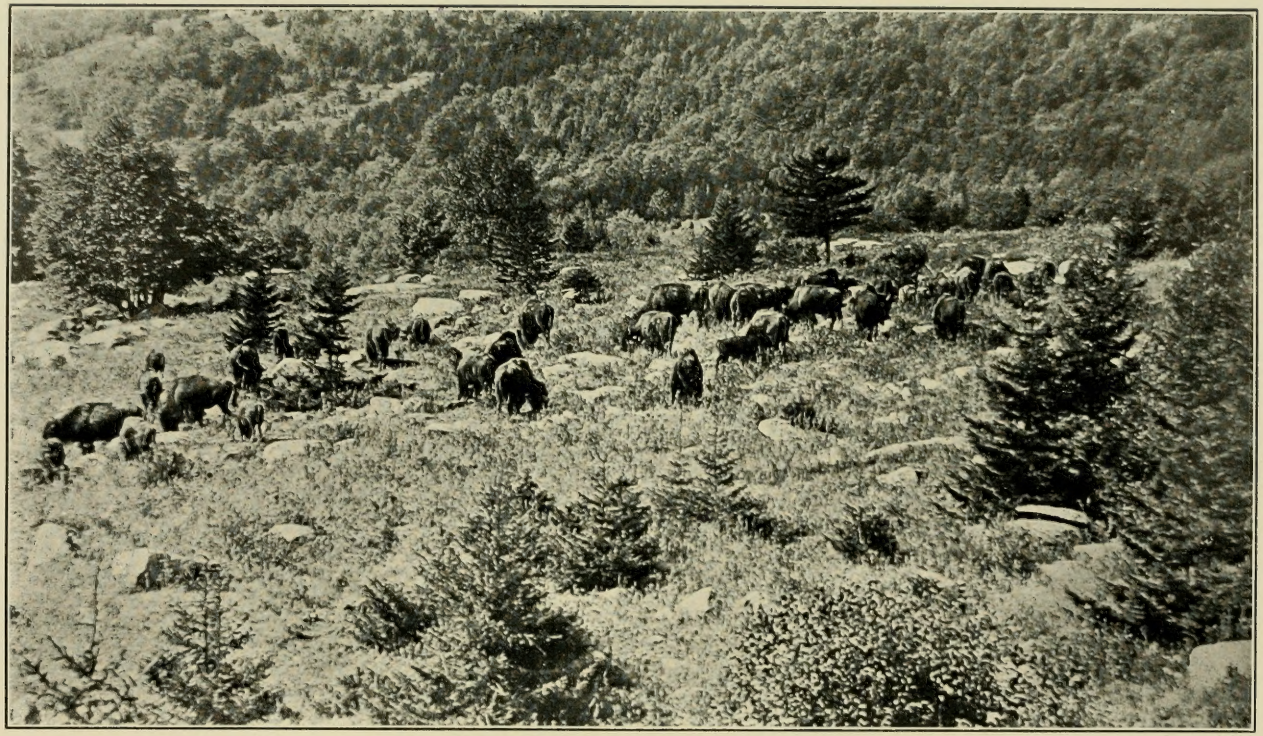
SK
351
A512
1911
MAMM.

SHOUT
SHARE
IT



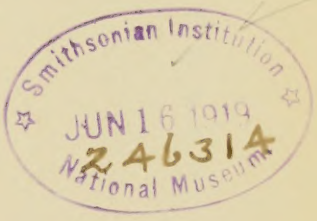
PART OF THE CORBIN BUFFALO HERD ON CROYDON MOUNTAIN IN SUMMER
By Ernest Harold Baynes

SK
351
A512
1911
Mammals

FOURTH ANNUAL REPORT OF THE AMERICAN BISON SOCIETY

OBJECT:
THE PERMANENT PRESERVATION AND INCREASE OF
THE AMERICAN BISON

1911



PUBLISHED BY THE SOCIETY
1911

COPYRIGHT 1911
BY
THE AMERICAN BISON SOCIETY

PRINTED BY
POOLE PRINTING CO.
BOSTON, MASS.

CONTENTS

		PAGE
Officers of the Society		vii
Board of Managers		vii
Report of the President	W. T. Hornaday	1
Address of Acting President Hooper		12
Treasurer's Report	Clark Williams	14
Fifth Annual Meeting		16
Annual Meeting of the Board of Managers		20
Special Meeting of the Board of Managers		24
Special Meeting of the Board of Managers		26
Census of Bison in North America		34
Resolution in Recognition of the Work of the Canadian Government		36
Canada's Part in the Preservation of the Buffalo		37
The Corbin Buffalo Herd		42
Bison in the Yellowstone National Park		50
The Wichita Herd		52
Constitution		53
List of Members		55

ILLUSTRATIONS

	PAGE
Part of the Corbin Buffalo Herd on Croydon Mountain in Summer	Frontispiece
Corbin Park from the Sunset Ridge Gate—Buffaloes in the Middle Distance . . . . . Facing Page	1
A Group of Corbin Bulls	3
The Wichita National Bison Herd on Its Range	6
"Comanche" and "Mrs. Comanche" in the Wichita National Bison Herd, December, 1910	9
A Four-year-old Bison Bull, "Lone Wolf," Wichita National Bison Herd, December, 1910	13
Buffalo Bull, "Geronimo," in the Corbin Herd	17
Buffalo Cow, "Pocohontas," and Week-old Calf in the Corbin Yards	19
Young Buffaloes Eating Hay	21
Buffalo Calves, "Warwhoop" and "Tomahawk"	25
Map Showing Distribution of Bison, January 1, 1911 . Facing Page	34
Corbin Buffaloes in Winter Quarters	44
The Corbin Buffalo Herd in November	46
A Corbin Bull in April—Shedding His Winter Coat	48

OFFICERS OF
THE AMERICAN BISON SOCIETY

1911

OFFICERS

Hon. President, Hon. THEODORE ROOSEVELT

Hon. Vice-President, His Excellency EARL GREY

President, Prof. FRANKLIN W. HOOPER

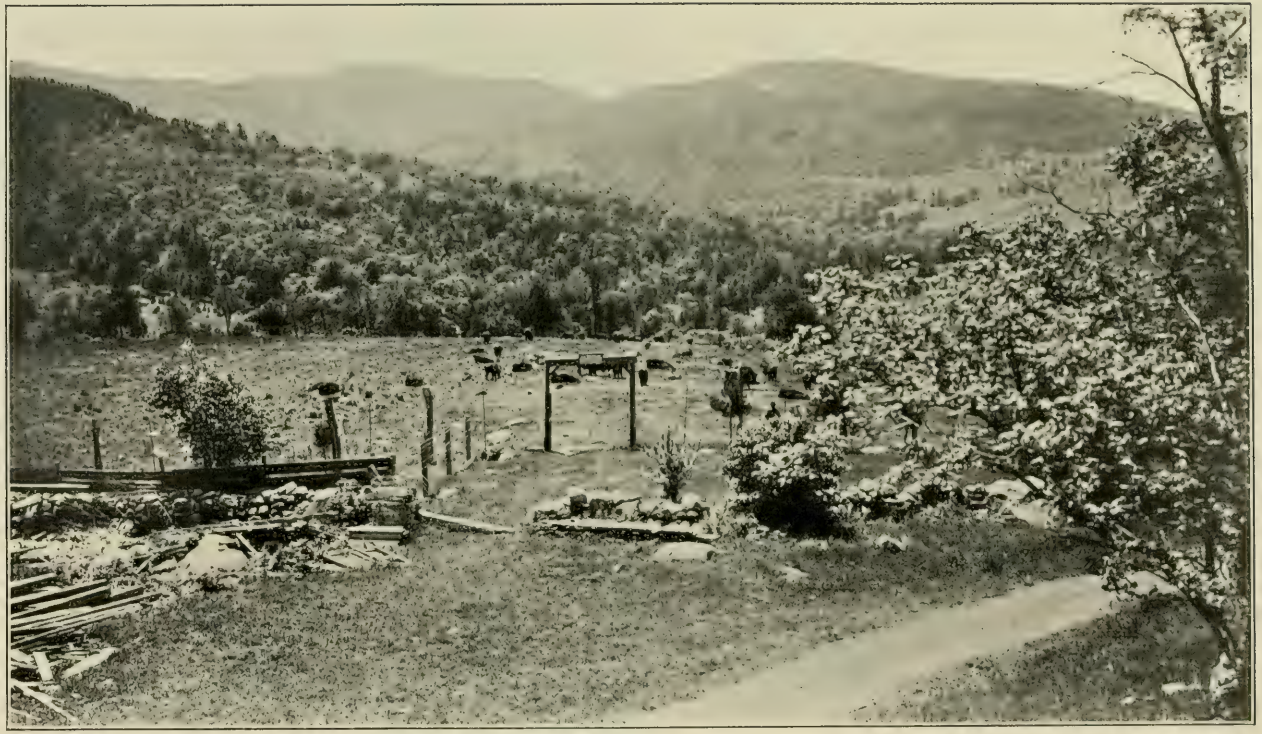
Vice-Presidents, { Prof. HENRY FAIRFIELD OSBORN
ERNEST HAROLD BAYNES

Secretary, WILLIAM P. WHARTON

Treasurer, CLARK WILLIAMS

BOARD OF MANAGERS

ERNEST HAROLD BAYNES . . . . . Meriden, N. H.
HERBERT L. BRIDGMAN . . . 604 Carlton Ave., Brooklyn, N. Y.
CHARLES L. BRINSMADE . . 166 Columbia Heights, Brooklyn, N. Y.
WILLIAM C. DEMOREST . . . . . 60 Liberty St., New York City
Dr. DANIEL GIRAUD ELIOT . . Am. Museum of Nat. Hist., N. Y. City
Prof. MORTON J. ELROD . . . University of Montana, Missoula, Mont.
MADISON GRANT . . . . . Secretary New York Zoological Society
A. B. HEPBURN . . . . . 83 Cedar St., New York City
Prof. FRANKLIN W. HOOPER Director of Bkn. Inst. of Arts and Sciences
Dr. WILLIAM T. HORNADAY . . Director New York Zoological Park
C. J. JONES . . . . . Las Vegas, N. M.
W. S. McCREA . . . . . 153 Michigan Ave., Chicago, Ill.
Prof. HENRY FAIRFIELD OSBORN, Ph. D., Columbia University, N. Y.
Dr. T. S. PALMER . . . . . Biological Survey, Washington, D. C.
EDWARD L. PARKER . . . . . Concord, Mass.
Rear Admiral ROBERT E. PEARY, U. S. N. . . . Washington, D. C.
A. BOWEN PERRY . . . . . Regina, Can.
Dr. JOHN C. PHILLIPS . . . . . Wenham, Mass.
JOHN M. PHILLIPS . . . . . Pittsburgh, Pa.
GEORGE D. PRATT . . . . . 33 Union Square, New York City
EDMUND SEYMOUR . . . . . 45 Wall St., New York City
C. H. STONEBRIDGE . . . . 148th St. and 3rd Ave., New York City
ERNEST THOMPSON SETON. . . . . Cos Cob, Conn.
JOHN E. THAYER . . . . . 50 State St., Boston, Mass.
WILLIAM LYMAN UNDERWOOD, Mass. Inst. Technology, Boston, Mass.
WILLIAM P. WHARTON . . . . . Groton, Mass.
CLARK WILLIAMS . . . . . Windsor Trust Co., New York City



CORBIN PARK FROM THE SUNSET RIDGE GATE—BUFFALOES IN THE MIDDLE DISTANCE
By Ernest Harold Baynes

PRESIDENT HORNADAY'S REPORT

New York, Jan. 4, 1911.

Mr. William P. Wharton,
Secretary American Bison Society,
Groton, Mass.

Dear Mr. Wharton: Thus far I am obliged to report only partial success in my efforts to secure the shipment to Montana of the gift-bison that were not delivered in 1909. In the spring of 1909, Mr. and Mrs. Charles Goodnight forwarded their pair of gift-bison yearlings to the Conrad Estate at Kalispell, for safe-keeping there, until the range fence could be erected and completed. This left the following gifts to be delivered later on:—

James J. Hill	3 adult bison
The Blue Mountain Forest Association (Corbin herd) . . .	3 yearling bison
James A. Dooly, Salt Lake City,	2 yearling bison
James Philip, Pierre, S. D. . .	2 yearling bison

It will be remembered that the buffaloes from the Conrad herd (36 in number), with the survivor of the pair from Mr. and Mrs. Goodnight, were delivered on the Montana National Bison Range on Oct. 17, 1909. On Oct. 18, 1909, the writer addressed a letter to Mr. James J. Hill, informing him that the bison range had been completed, and requesting that his bison gift be sent on immediately. Inasmuch as Mr. Hill's animals were fully adult, it was believed that they could successfully take care of themselves during the winter, which was speedily approaching.

Regarding the other gift-bison—all of which were yearling calves—a different course seemed imperatively necessary. It seemed inadvisable to bring on animals only one year of age and turn them loose in a strange locality, under the necessity of shifting for themselves during the winter that would almost immediately come upon them. For this reason the Committee on Purchase decided to forego the effort until spring.

The spring of 1910 opened so peculiarly that it was decided to defer action until August, which was done. In that month, letters were written to all the donors whose gifts had not yet been delivered, asking that arrangements for shipment be made; and the matter of rates was at once taken up with the express companies with a view to securing a reduction from the regular rates. In this connection, I have to report that the Society's request for reduced rates was most generously received by the American Express Company, and through the persistent efforts of Mr. J. H. Bradley, Vice-President and General Manager, and a very considerable amount of correspondence on his part with the Government and with other companies, a reduction of one-third from what would have been the regular rate was granted. For this substantial favor the Bison Society is greatly indebted to the American Express Company, and to Mr. Bradley.

Inasmuch as our request of Oct. 18, 1909, to Mr. Hill for the delivery of his gift failed to secure the animals, Mr. Hill was again addressed on Aug. 30, 1910, with a similar request, and renewed directions for the shipment of the animals. On September 2 we were much surprised by the receipt from Mr. Hill of a brief communication, stating that the bison had been killed by his order. The writer's correspondence with Mr. Hill is submitted herewith.

In accordance with our request, the Blue Mountain Forest Association, Austin Corbin, President, kindly consented to make its bison gift consist of one male and two female yearlings, of excellent physique. These animals were promptly shipped, and reached their destination in excellent condition.

The following correspondence covers the Hill and Corbin gifts.

OCTOBER 18, 1909.

JAMES J. HILL, ESQ.,
Great Northern Railway Company,
No. 32 Nassau Street, New York City.

Dear Sir: I have great pleasure in being able to report to you that the Government has just finished the erection of a fence completely enclosing the Montana National Bison Range at Ravalli,

A GROUP OF CORBIN BULLS
By Ernest Harold Baynes

and the Game Warden in charge of the range, Mr. Andrew R. Hodges, is ready to receive your gift of three bison. If you will kindly have the animals crated and forwarded as soon as convenient to Ravalli, Mr. Hodges will take charge of them at the station.

As stated in a previous letter, I am really very sorry that our obligation to the Government prevents us from accepting any bison that contain any domestic blood. At the time that Congress granted the appropriation of $43,000 for the creation of the range at Ravalli, it was expressly stipulated that only pure-blood animals should be placed in the range, and to this stipulation we had to agree. Since that time I have found that the point was well taken, because a great many people have inquired, with some degree of apprehension, whether the bison for the Montana Range would be absolutely of pure blood. I have been obliged to assure all inquirers that all the members of the herd would be strictly full blood.

I would like to venture a word or two in regard to the shipment of your gift. I think that the only safe way is to have each animal crated separately, and on arrival at Ravalli the crates should be hauled to the gate of the range. This is the course that was pursued in the shipment and delivery of the thirty-four head that we purchased from the Conrad Estate, and the animals all arrived in perfect condition. The crate problem was carefully worked out when we shipped our nucleus herd to Oklahoma, and I am going to enclose herewith two leaves from our Annual Report which give the dimensions which we found most suitable.

In order to get the animals into their crates, we ran them through a narrow shute that ended in the crate.

In view of the lateness of the completion of the fence, I think it would be well if delivery of the bison could be hastened as much as possible; for very soon it would be too late to turn the animals loose in a new range. At present there are thirty-seven head of bison on the range, and Game Warden Hodges makes their care the sole business of his life.

Yours very truly,
W. T. HORNADAY, *President.*

On Aug. 30, 1910, this letter was followed by another to Mr. Hill, of similar purport, to which the following reply was received:

GREAT NORTHERN RAILWAY COMPANY
EXECUTIVE DEPARTMENT

JAS. J. HILL,
Chairman of the Board.

ST. PAUL, MINN., Sept. 2, 1910.

MR. WM. T. HORNADAY,
President American Bison Society,
Zoological Park, New York, N. Y.

Dear Sir: In reply to your favor of the thirtieth ultimo in

regard to the three pure-blood bison, I regret to say I am unable to send them to the Society. So much time has elapsed and they were getting to be a good deal of care so I had them all killed.

Yours truly,

JAS. J. HILL.

MR. JAMES J. HILL, NEW YORK, Oct. 14, 1910.
Great Northern Railway,
St. Paul, Minn.

Dear Sir: I am very sorry to learn from your letter of September 2, that the three full-blood bison, which you presented to The American Bison Society, have been killed—and by your consent. We announced your gift quite prominently to the members of the Bison Society, and to the country at large, and on the strength of it you were elected a Patron, as having presented specimens worth more than $1,000. While the loss of the bull is not so very great, because there are plenty of breeding bulls in the Montana National Herd, it is a great pity that any female buffaloes should be slaughtered.

Any delay that may have ensued in the delivery of your gift to the Bison Society surely is not chargeable to me, or to the Society. As you will see by the enclosed letter, I wrote you on Oct. 18, 1909, informing you that the Montana National Bison Range was all ready, that a game warden was on the spot in charge of it, and requesting you to "kindly have the animals crated and forwarded as soon as convenient." I also said that "I think it would be well if the delivery of the bison could be hastened as much as possible." Under the circumstances, I do not see what more we could have done to secure the gift, than was done.

Yours very truly,

W. T. HORNADAY.

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF BIOLOGICAL SURVEY,

DIXON, MONT., Nov. 21, 1910.

DR. W. T. HORNADAY,
New York City, N. Y.

Dear Sir: I received three buffalo in good condition on the 18th inst. from the Blue Mountain Forest Association. The express had not been paid, but I assured the agent that the matter would be settled in a short time, and he turned them over to me, and I turned them loose on the range the same day that they arrived. I received your wire, but as the agent informed me that he had sent a personal message, I did not think it necessary to answer your message.

Sex, two females and one male.

Very truly yours,

ANDREW R. HODGES,
Warden National Bison Range.

THE WICHITA NATIONAL BISON HERD ON ITS RANGE
23 HEAD. DECEMBER, 1910

November 26, 1910.

The Blue Mountain Forest Association,
Mr. Austin Corbin, President,
Corbin Banking Company,
No. 192 Broadway, New York City.

Gentlemen: I am just in receipt of a letter from Mr. Andrew R. Hodges, Warden of the Montana National Bison Range, advising me that the three buffalo which you presented to the Bison Society for the Government herd arrived at Ravalli in good condition on the 18th of November. They were delivered to Mr. Hodges, and turned loose on the range the same day that they arrived. We have forwarded the money for the freight charges to the agent at Ravalli.

With the eleven calves born this year, your gift brings the total of the Montana herd up to fifty-one head, a very gratifying consummation.

Once more I desire to thank you in the name of The American Bison Society for your generous gift, and also for the splendid promptness with which you despatched it, when the best time arrived for its forwarding. We have not been so fortunate with some of the other gifts that were promised us.

Yours very truly,
W. T. HORNADAY.

The Blue Mountain Forest Association,
192 Broadway, and 11 John Street,
New York, Dec. 2, 1910.

Wm. T. Hornaday, Esq.,
Bronx Park, City.

Dear Mr. Hornaday: In acknowledging receipt of your favor of the 26th, stating that the three bison that we presented to the Society have arrived at Ravalli in good condition, I wish to express my appreciation of your kind letter of thanks, and to assure you that it has been a great pleasure to us to be able to do anything towards helping the conservation of the buffalo, and especially of having the privilege of co-operating with you, to whom the whole country owes so much for your energetic and patriotic efforts in this direction.

Yours very truly,
AUSTIN CORBIN,
President.

Thus far the bison gifts of Mr. Dooly and Mr. Philip have not been shipped, and of course it is now too late to secure their delivery before the spring of 1911. The shipment of Mr. Dooly's gift has been complicated and rendered difficult by the fact that the animals are on Antelope Island, and the water of the Great Salt Lake has risen several feet higher than it was during the visit

of Mr. Baynes, when it was possible to drive from the mainland to the island. Mr. Dooly explained at length the difficulties that confronted him. Being unable to handle the matter at long range, we requested Mr. Dooly to give us the name of any responsible man who would be willing to enter into a contract with the Bison Society to take the animals from his corral on Antelope Island, crate them, transport them to the mainland, and deliver them to an express company. Of late we have not heard from Mr. Dooly regarding the matter.

Mr. Philips was, for some reason, unable to ship his two buffaloes last autumn, and it will be necessary to arrange for their delivery during the coming spring.

The following letter from the Honorable James Wilson, Secretary of Agriculture, will be of general interest to the members of the American Bison Society:—

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY, WASHINGTON, D. C.

DR. W. T. HORNADAY,
President American Bison Society,
185th St. and Southern Boulevard, New York.

Dear Sir: My attention has just been called to the arrival at Ravalli, Mont., on November 18 of the three buffalo, one bull and two cows, generously contributed by the Blue Mountain Forest Association through The American Bison Society for the herd on the National Bison Range. With these additions to the 37 buffalo placed on the reservation last year by your Society, and the 11 calves born this year, the total number in the herd is now 51. I take this opportunity of expressing the appreciation of the Department, not only of the magnificent contribution made by The American Bison Society, but also of the far-sighted plan which the Society has so successfully inaugurated for the perpetuation on the Flathead Reservation of a herd of buffalo which in time will probably equal in size and importance the Pablo herd recently purchased by Canada.

The experience of the past year has shown that the National Bison Range is admirably suited for the purposes for which it was intended, and has demonstrated the wisdom of the selection of this tract recommended by Professor M. J. Elrod in 1907 in his report to your Society.

The three Government herds of buffalo in the Yellowstone National Park, the Wichita Game Preserve, and on the National Bison Range, have during the brief time since their establishment shown a gratifying increase, and are in excellent condition. These, together with the numerous herds in private hands in the United

"COMANCHE" AND "MRS. COMANCHE"
IN THE WICHITA NATIONAL BISON HERD. DECEMBER, 1910

States and the large herds recently established in Canada, seem to insure the perpetuation of the buffalo. It would be desirable, however, to have at least one other Government herd at some point in North or South Dakota in the region formerly occupied by the great herd which ranged over the northern plains.

It is my desire that the National Bison Range, established upon the recommendation of The American Bison Society, shall become not only a reservation for buffalo, but a great game preserve worthy in every way of the plans of its founders. Through the public spirit of the citizens of Missoula, Mont., a few deer have recently been placed on the reservation, and arrangements are now under way for obtaining a few antelope and elk. I hope that both these species, and possibly other kinds of big game, may be placed upon the range in the near future. Here representatives of all the more important big game animals of Montana and of the northern Rocky Mountain region should find conditions suited to their needs, and here it is hoped they may increase to a point which will make it possible to furnish stock for distribution to other reservations in various parts of the country.

Respectfully,

JAMES WILSON,
Secretary.

I have to report that Mr. J. W. Gilbert, of Friend, Neb., has, by letter, advised Mr. G. O. Shields that he has bequeathed to The American Bison Society his herd of eight bison—four males and four females—with the proviso that they are not to be taken east of the Mississippi River.

The Warden of the Montana National Bison Range, Mr. Andrew R. Hodges, has recently reported that eleven calves were born in the herd during 1910, all of which have survived and thriven, and that the herd, as a whole, is in very fine condition. Warden Hodges reported that the herd came through its first winter in better condition than he expected, and altogether the outlook for the Montana herd is thoroughly satisfactory and gratifying.

It will perhaps interest the members of the Bison Society to know that the Canadian Government has finally closed its contract with Michel Pablo for the purchase of his herd, and abandoned all claims to about seventy-five head of buffaloes, now running wild in the Flathead country, and quite uncontrollable. The bison now running at large represent the most vigorous survivors of the Pablo herd, and because of their vigor, their speed in running, and the fierceness of their determination to remain free, have completely baffled all attempts to corral them and bring them under control. Many thousand dollars have been expended by Mr. Pablo in his efforts to capture these bison and crate them for shipment, and every resource that the ingenuity of experienced men could devise has been exhausted. The bison are now regarded as "out-laws," and we are informed that no further attempts will be made to capture them.

Following closely upon the receipt of this information came the news that Mr. Pablo had determined to arrange a grand buffalo hunt, in the course of which these animals were to be killed off by alleged sportsmen. The terms for each so-called sportsman were $250 for each animal killed, the skin of which was to be delivered at the railroad without extra charge. Immediately following the receipt of this information, appeals were made to the State Game Warden of Montana, Mr. Henry Avare,

urging him to enforce the law of Montana, which specifically provides protection for all wild buffaloes. It was pointed out that inasmuch as the buffaloes now roaming in the Flathead Valley are fully known to be entirely beyond control of man, so far as their capture and empounding are concerned, they are *de facto* wild animals, and as such are entitled to protection.

Without delay, Mr. Avare laid the matter before the Attorney-General for the State of Montana,who promptly rendered an opinion to the effect that the buffaloes in question, being *de facto* wild animals, are entitled to protection; and that it is therefore the duty of the State Game Warden to prevent them from being molested by hunters.

With highly commendable energy and promptness, State Game Warden Avare despatched a Deputy Game Warden to Flathead Valley, to inform Mr. Pablo and all concerned with the buffaloes which it was proposed should be killed, to make a series of holidays and for the production of revenue, that they must not be molested; and in pursuance of this announcement, the proposed "buffalo hunt" was abandoned. All persons interested in the perpetuation of the American Bison have good reason to be grateful to Mr. Avare for having so promptly stopped a proceeding that, if carried into effect, would have been nothing less than a disgrace to the State of Montana.

Respectfully submitted,

W. T. HORNADAY.

ADDRESS OF ACTING PRESIDENT HOOPER AT THE ANNUAL MEETING, 1911

Members of The American Bison Society, Ladies and Gentlemen: The resignation of Dr. William T. Hornaday as President of The American Bison Society, tendered by him because of the very great and pressing demands upon his time of other duties in the interest of the preservation of the wild-animal life of this country, which went into effect on September 1, threw upon your first Vice-President unexpected responsibilities which he felt himself poorly qualified to assume. The transfer of the office came in the busiest part of my own educational year. I have, however, been able to continue the correspondence on behalf of the Society during the past four months in pursuance of its desire to secure the establishment of herds of bison in the States beyond the Mississippi where the bison formerly ranged in large numbers, and where there are considerable areas of both State lands and United States Government lands that might be available for bison ranges.

The result of this correspondence has indicated the disposition on the part of State officers, and on the part of senators and representatives in Congress from these several States, to encourage the establishment of additional bison herds in the West on United States Government lands, rather than on State lands for the present.

Since this situation has developed, and since the Hon. James Wilson, Secretary of Agriculture, has himself suggested that there should be a bison herd established in the near future in one of the Dakotas, where the bison ranged in very large numbers a few decades since, it has seemed best that we should act upon the advice of Secretary Wilson.

As your acting President for the time being, I take the liberty to congratulate the Society upon the good financial condition reported by the Treasurer, and to make the following recommendations:

A FOUR-YEAR-OLD BISON BULL—"LONE WOLF"
WICHITA NATIONAL BISON HERD. DECEMBER, 1910

1. That the Society seek to establish in the immediate future a bison herd on public lands in one of the Dakotas, preferably in South Dakota, with the co-operation of the National Government, and with the approval of representatives of those States in Congress.

2. That the Society renew its efforts at the first practical opportunity to establish a State herd of bison either in the Adirondack Mountains, or in the New Hudson River Park in the State of New York, as may be determined.

3. That the Society encourage the establishment of State herds of bison on State lands in other States where the bison formerly ranged.

4. That in consideration of the pre-eminent and efficient services of Dr. Hornaday as President of this Society during the first years of its organization, a new order of membership be created—that of Honorary Members, and that Dr. Hornaday be elected as the first Honorary Member of the Society.

TREASURER'S REPORT, AMERICAN BISON SOCIETY, YEAR 1910

GENERAL FUND

Balance January 1, 1910		$1,068.52
Receipts		
Dues, subscriptions and donations	$1,484.10	
Interest on bank balance	42.57	
		1,526.67
Total		$2,595.19
Disbursements		
Printing and stationery	$699.23	
Postage	20.00	
Exchange on checks	2.60	
Miscellaneous:		
F. H. Kennard, expenses of 1909 Annual Meeting	20.75	
H. F. Whitney, clerical services, year 1910	120.00	
W. T. Hornaday, sundry official expenses, years 1909 and 1910	23.46	
Wm. P. Wharton, Secretary, official expenses, year 1910	19.23	
		905.27
Balance		$1,689.92

BISON FUND

Balance January 1, 1910		724.75
Receipts		
Contributions during 1910	$ 9.00	
Refund of over-payment of express charges at Ravalli, Mont	14.85	
		23.85
Total		$748.60

DISBURSEMENTS

Clark Williams, reimbursement for cash advanced in payment of charges on three bison arriving at Ravalli, Mont.....	$316.00
Balance.....	432.60

SUMMARY

Balance in General Fund December 31, 1910	$1,689.92
Balance in Bison Fund December 31, 1910...	432.60
Grand balance.....	$2,122.52
Checks out.....	47.56
Bank balance.....	$2,170.08

Respectfully submitted,

CLARK WILLIAMS,

Treasurer.

January 12, 1911.

FIFTH ANNUAL MEETING

THE Fifth Annual Meeting of The American Bison Society was held at the American Museum of Natural History, on Thursday, Jan. 12, 1911, at 10.30 A.M.

Acting President Hooper was in the chair, and among those present were: Dr. T. S. Palmer, Messrs. Stonebridge, Baynes, Williams, Bridgeman, Brinsmade, Whitney and Wharton.

The minutes of the previous meeting were read and approved.

The Treasurer then read his report, and it was referred to an Auditing Committee consisting of Messrs. Stonebridge and Bridgeman.

The Secretary read the report of former President Hornaday, which was in the form of a letter to the Secretary, and it was voted to publish it in full in the Fourth Annual Report of the Society.

The Secretary then read the letter of resignation of Dr. Hornaday as President of the Society. On motion of Dr. Palmer it was voted to accept it with regret, and the Secretary was instructed to communicate to Dr. Hornaday the grateful appreciation of the Society for his untiring services.

Acting President Hooper then read his report. He referred to the failure to arrange a summer meeting, by reason of the inability of Colonel Roosevelt to attend. He stated that the correspondence he had carried on regarding the possible establishment of State herds in the West had disclosed a general opposition to the expenditure of State funds or the use of State lands for this purpose. In general, United States ownership was favored by State officials, and it was urged upon him to make a proposition to Secretary Wilson that the Secretary of Agriculture should be empowered to establish herds in various States. In New York matters were in *statu quo*. Professor Hooper then paid a tribute to the splendid work of Dr. Hornaday, especially in the founding

BUFFALO BULL—"GERONIMO"—IN THE CORBIN HERD
By Ernest Harold Baynes

of the Montana herd, and proposed that his efforts be given further recognition by creating him the first Honorary Member of the Society. In conclusion Professor Hooper recommended: (1) That effort to establish a herd in the Adirondacks be renewed; (2) That, in accordance with the suggestion of Secretary Wilson, steps be taken with a view to establishing another national herd, this time somewhere in North or South Dakota; (3) That the passage of a general law to authorize the establishment of herds be sought.

Dr. Palmer moved that Professor Hooper's report be accepted and adopted and printed in the Annual Report, and it was so voted.

Dr. Palmer stated that he has been on the Pacific coast during the past summer, and had stopped at Denver and conferred with Mr. T. J. Holland, Game Commissioner of Colorado, regarding a herd in that State. He had found Mr. Holland, the governor, and the congressmen all opposed to such a step.

After appointing Messrs. Stonebridge, Palmer and Baynes a committee to nominate candidates for the Board of Managers, the meeting took a recess.

When the meeting reconvened, the Nominating Committee reported the following names: Ernest Harold Baynes, Prof. Franklin W. Hooper, Dr. T. S. Palmer, Edmund Seymour, George D. Pratt, H. B. Hepburn, Wm. C. Demorest, Thomas M. Osborne, Edward C. Parker, James R. Garfield.

Of these, Mr. Edward L. Parker was designated for the vacancy caused by the resignation of Dr. Frederic A. Lucas, whose resignation, upon motion of Mr. Williams, had been accepted with regret. Upon motion of Mr. Stonebridge, the Secretary cast one ballot for these gentlemen, and they were declared unanimously elected.

Upon motion of Mr. Seymour the following was unanimously adopted:

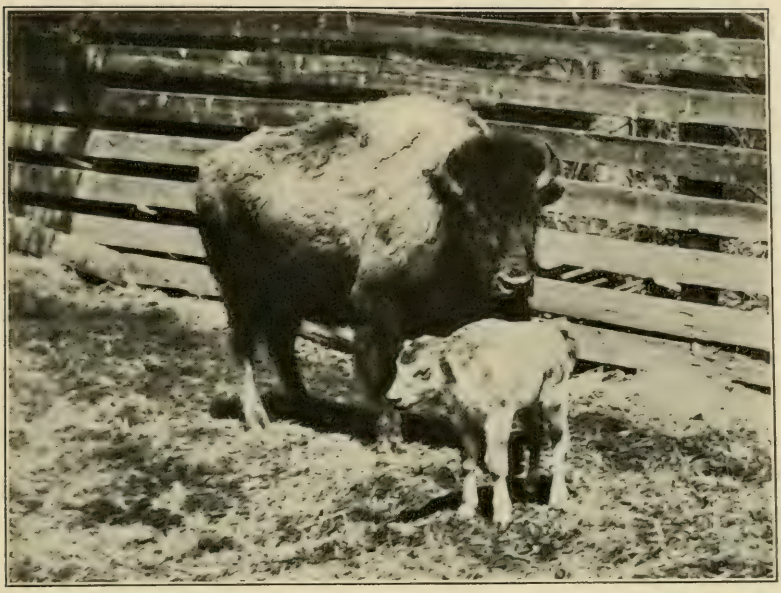
Be it Resolved: That Honorary Membership in this Society be established, and this membership be conferred only in recognition of eminent service in the permanent protection and increase of the American bison.

It was further *Voted:* That the sense of this meeting is that Dr. Hornaday should be made the first Honorary Member.

The Secretary was instructed to take the necessary steps to carry out the foregoing resolution.

Votes of thanks to the American Express Company, and to the American Museum of Natural History for the use of a room for this meeting were passed.

Upon motion of Mr. Williams it was *Voted:* That an expression of appreciation be extended to Mr. Henry Avare, State Game Warden of Montana, for his services in saving the semi-wild remnant of the Pablo herd from being hunted down and killed. Dr. Palmer explained



BUFFALO COW "POCOHONTAS" AND WEEK-OLD CALF IN THE CORBIN YARDS
By Ernest Harold Baynes

that these animals are now considered wild, and protected as such under the laws of the State of Montana. Their former owner must take them alive, or give up his claim to ownership.

Upon motion of Mr. Williams, the Executive Committee was authorized to prepare a statement in appreciation of the services of Dr. Hornaday, and forward the same to him.

Mr. Baynes having been appointed to the Auditing Committee in place of Mr. Bridgman, that committee was directed to report to the Board of Managers.

The meeting then adjourned.

WILLIAM P. WHARTON,
Secretary.

ANNUAL MEETING OF THE BOARD OF MANAGERS

New York, Jan. 12, 1911.

THE Fifth Annual Meeting of the Board of Managers of The American Bison Society was held at the American Museum of Natural History, New York, on Thursday, January 12, at 2 o'clock P.M., following the Fifth Annual Meeting of the Society.

Those present were Professor Hooper (in the Chair), Dr. Palmer, and Messrs. Baynes, Brinsmade, Stonebridge and Wharton.

The minutes of the previous meeting were read and approved.

The Board then proceeded to the election of officers for the ensuing year. On motion of Dr. Palmer, Hon. Theodore Roosevelt and His Excellency Earl Gray were unanimously re-elected Honorary President and Honorary Vice-President respectively.

Mr. Baynes then nominated Professor Hooper for the active presidency, and all present urged Professor Hooper to accept that position. The Secretary was instructed to cast one ballot for Professor Hooper, and he was declared unanimously elected.

Professor Henry Fairfield Osborne and Mr. Ernest Harold Baynes were then nominated as Vice-Presidents, and, the Secretary having cast one ballot, were declared unanimously elected.

In the same manner W. P. Wharton, nominated by Mr. Brinsmade, and Clark Williams, nominated by Dr. Palmer, were re-elected Secretary and Treasurer respectively.

To the Executive Committee the following gentlemen were nominated and unanimously elected on one ballot: Dr. Palmer, and Messrs. Stonebridge, Baynes, Clark Williams, and Geo. D. Pratt.

The question of establishing a game preserve in the

YOUNG BUFFALOES EATING HAY
By Ernest Harold Baynes

Adirondacks was then brought up. Professor Hooper asked if the Society was prepared to propose to the State of New York that, say, twenty-five square miles should be fenced in a favorable locality on the State Reservation, with the primary object of starting a bison herd therein.

Dr. Palmer moved that the President and Executive Committee be empowered to take such action as they may deem advisable looking to the establishment of a State herd of bison in the Adirondack Park or such other State parks as may be considered most available. *Carried.*

The matter of providing funds for the purchase of animals was then discussed. Mr. Stonebridge suggested the possible advisability of entering into a contract with some owners of existing herds, whereby in return for a yearly contribution towards the care of the herd, the Society would receive the annual increase. Mr. Baynes favored raising money as heretofore, and going to the herd owners with a more definite proposition.

After some further discussion, it was finally *voted:*

That the Executive Committee be authorized to expend a sum not to exceed $5,000, of which $2,000 may, if considered necessary, be taken from the general funds of the Society, for the purchase of bison to place upon a range which may be set aside by the State of New York.

Voted: That the suggestion of the Secretary of Agriculture, in his letter of Nov. 29, 1910, to Dr. Hornaday, that "It would be desirable to have at least one other Government herd at some point in North or South Dakota in the region formerly occupied by the great herd which ranged over the northern plains," be referred to the Executive Committee with power to investigate its practicability.

On request of Mr. Baynes, the Secretary read some correspondence with Colonel Goodnight and Fleming & Co., his fiscal agents, regarding the incorporation of his ranch, but no action was taken.

The condition of the Philip herd at Fort Pierre, South Dakota, was then discussed at some length. Dr. Palmer stated that it was generally understood that the herd was increasing too fast for the area of available grazing land, and that some time ago Congress authorized the Secretary of Agriculture to lease to Mr. Philip some 10,000 acres of government land within certain lines for the maintenance of his herd. Owing to the inaccessibility of this area, however, Mr. Philip has never availed himself of this opportunity. Dr. Palmer suggested that any member of the Board of Managers happening to be in that section of the country should look into the present status of this matter.

On motion of Dr. Palmer it was *voted:* That the Secretary be requested to secure from Mr. Gilbert, of Friend, Neb., all information possible regarding the herd which he has so generously willed to this Society, and his wishes as regards its disposition, and to convey to Mr. Gilbert the grateful thanks of the Society for his gift.

On motion of Mr. Baynes, the Secretary was requested to publish in the next Annual Report a map showing the location of the various bison herds in the United States.

On motion of Mr. Baynes, the Secretary was further requested to secure a statement from the Canadian Government, summarizing the work which it has done in preserving and increasing the bison, for publication in the Annual Report.

Voted: That Mr. Baynes be requested to prepare a resolution in appreciation of the work of the Canadian Government, and forward it to the Secretary.

The Auditing Committee reported that it had examined the accounts of the Treasurer and had found them correct. The report was accepted.

Tentative suggestions were made regarding the establishment of herds in the Sequoia and Glacier National Parks.

Voted: That any officer of the Society be empowered to employ stenographers in correspondence of the Society at the Society's expense.

Voted: To invite Mr. Howard Douglas, Commissioner of Parks of the Dominion of Canada, to become a member of the Society.

Voted: That a meeting of the Board of Managers be called on Monday, January 30, 1911, at the office of Mr. Edmund Seymour, 45 Wall St., N. Y. City, to vote on an amendment to the Constitution constituting a class of honorary membership in this Society, in accordance with the vote of the Society at this year's Annual Meeting.

The matter of arranging for the delivery of the Philip gift-bison was left to Mr. Baynes with power.

The Secretary was requested to communicate with Mrs. Alicia Conrad regarding the present status of the Conrad herd.

Dr. Palmer suggested that the Secretary keep a card catalogue of all bison herds, wherein may be kept records and history of all such herds. A motion to this effect was carried.

The meeting then adjourned.

WILLIAM P. WHARTON,
Secretary.

SPECIAL MEETING OF THE BOARD OF MANAGERS

A meeting of the Board of Managers of the American Bison Society was held at the office of Edmund Seymour & Company, 45 Wall St., N. Y., on the 30th day of January, 1911, at which a quorum was present, as follows: A. B. Hepburn, Edmund Seymour, Chas. L. Brinsmade, C. H. Stonebridge, Wm. C. Demorest, E. H. Baynes, F. W. Hooper, presiding.

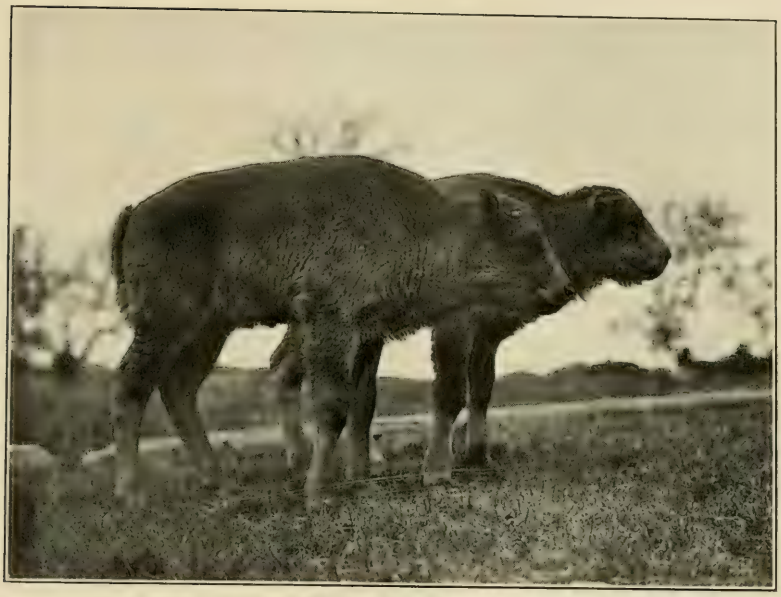
Mr. Edmund Seymour, in the absence of the Secretary, was elected Secretary *pro tem.*

The President stated the object of the meeting was to act on an amendment to the Constitution which was presented at the annual meeting of the Board of Managers held on the second Thursday in January, 1911. That the words "Honorary Members" be inserted in Section 1, Article III of the Constitution after the words "and Patrons." At the meeting of the Society held the second Thursday in January, the resolution was adopted that the Society establish the degree of Honorary Membership and that such membership should be conferred upon those only who have rendered distinguished services to the Society for the permanent preservation and increase of the American Bison.

Motion was made by Mr. Stonebridge, seconded by Mr. Brinsmade, that the words "Honorary Members" be inserted after the words "and Patrons" in Article III of the Constitution. After being put by the President, the meeting voted "aye" unanimously.

Motion was made by Mr. Brinsmade that Dr. Wm. T. Hornaday be made First Honorary Member. Motion being put, all voted "aye." Dr. Hooper then declared Dr. Hornaday elected unanimously the First Honorary Member of the Society.

Motion was then duly made, seconded and carried, that Dr. Hooper and Edmund Seymour be, by authority



BUFFALO CALVES—"WARWHOOP" AND "TOMAHAWK"
By Ernest Harold Baynes

of the board, a committee to prepare and send a communication to Dr. Hornaday from the Society, setting forth its appreciation of Dr. Hornaday's services to the Society and at the same time tendering to him the Honorary Membership of the Society, and have same suitably engrossed.

There being no further business, meeting adjourned.

EDMUND SEYMOUR,
Pro Tem.

SPECIAL MEETING OF THE BOARD OF MANAGERS

A MEETING of the Board of Managers of The American Bison Society was held at the office of Edmund Seymour & Company, 45 Wall Street, New York, on March 31, 1911, at which the following were present: Dr. F. W. Hooper, in the Chair, Clark Williams, Dr. T. S. Palmer, C. H. Stonebridge, Ernest H. Baynes, Geo. D. Pratt, Edmund Seymour, W. P. Wharton, Secretary.

Mr. Clark Williams, the Treasurer, stated that there is a balance of $2,076.03 in the treasury, as follows:

General Fund	$1,643.43
Bison Fund	432.60
Grand Balance	$2,076.03

Mr. Williams stated that he had received $99.99 from Dr. Hornaday, which should be added to the above, being amount recovered from American Express Company rebate on express charges for sending bison from New Hampshire to Montana range. The Treasurer requested that the statement be spread in full upon the minutes of the meeting.

The Chairman then stated that the objects of the meeting were as follows:

At the meeting of the Board of Managers held in January, it was voted that the Executive Committee be authorized to take steps to establish a herd of bison in South Dakota, and also to take steps to secure the establishment of a herd in the State of New York. With regard to the State of New York, the correspondence indicates that it is not going to be practicable during the coming year to make any headway in this direction. The present Commissioner of Game Preservation, etc., has not yet become acquainted with the game questions—the questions which he will have to consider during his

term of office. In addition to that, as you well know, chiefly through the instrumentality of Dr. Hornaday, there is very important game legislation pending at Albany in which we are all interested; and it would seem to be best that all of those who are interested in saving the wild animal life of the State should concentrate their efforts in securing that legislation, and in trying to defeat amendments to existing game laws that have been introduced, the purpose of which would be hostile to the game life of the State.

That being the situation in the State of New York, a sub-committee, consisting of Dr. Palmer and myself, have, since the first of February, been at work upon the proposition in South Dakota, being led to this by the fact that the Secretary of Agriculture, the Hon. James Wilson, in November last, wrote to Dr. Hornaday, President of The American Bison Society, a letter in which he expressed the hope that there would be another national herd of bison established, and, if possible, in one of the Dakotas, which was a great range for the bison when they flourished in the western country. Dr. Palmer and I have taken Secretary Wilson at his word. We called upon him in February in Washington with other members of the United States Biological Survey. Secretary Wilson said in so many words: "Al right, go ahead, it is just the thing we want; whatever The American Bison Society and the men in my department and the representatives of the Dakotas want, that shall be done. All you have got to do is to bring forward a workable plan, and we will have a herd of bison established there." Following this conversation with the Secretary, Dr. Palmer and I called on the two senators and the two representatives from South Dakota. We found them interested—three of them actively interested—in having a herd established in the State. They will do all they can in Congress and in their State to that end, and we considered, while we were there in consultation with the departments in Washington, locations for the herd. (I have a map of South Dakota here.) There is a territory in the Cheyenne Indian Reser-

vation where it is possible to place a herd, and there is another territory in the south of the State where it is possible to place a herd. These lands have not yet been opened up for settlement. It is possible for the United States Government to take them at a certain price and reserve them for a buffalo herd. There is also a tract called the Glen Gave National Park, 10,000 acres, which probably could be gotten without any expense whatever, but unfortunately here there is very little water except in the rainy season. It is not probable a herd could be supported there; but in the Black Hills district is splendid pasture land, plenty of water, and this land belongs to the United States Government, under certain restrictions.

Dr. Palmer then stated that the purpose of bringing the location of a proposed bison range up at this time is to secure the will of the Executive Committee, and if the committee favors a movement to establish a herd in South Dakota, then it should take some action for the protection of the buffalo, and provide financial support whereby a herd may be placed in South Dakota in a manner similar to that in which the herd was placed in Montana. Dr. Palmer then called on Dr. Hornaday, saying: "You know this country pretty well, and we desire your judgment as to the situation."

Dr. Hornaday said: "Mr. President, the Black Hills proposition looks workable. It certainly seems attractive—much more so than the plains region, which would be rather more difficult to work out. In the first place, I think it is probably true you would have to wait until this plains country is opened up separately before attempting to establish a herd there."

Mr. Stonebridge said he would be willing to look over the territory if the committee wished. Dr. Hornaday suggested a man in this connection. "When we had the Wichita idea in our minds (I am speaking of the Zoological Society) we picked Mr. J. Alden Loring, one of the naturalists of the Roosevelt expedition, to go down there and make a report for us. He spent about a month at it; did it very thoroughly; actually proposed bound-

aries, and brought us back a map; and his report was very admirably done. He took a lot of photographs, and his examinations of all conditions were so carefully made and well done that we printed his report entire, and used it in Congress as a campaign document in securing the legislation and appropriation that were necessary to carry that proposition into effect. His report was printed in full by the Zoological Society, and it appears in one of the annual reports. Mr. Loring is a free lance and can go where he pleases and stay as long as he pleases, and I thought since he had performed service like that previously—and in fact it was largely on his report that Professor Elrod based his report—he took it as a sort of pacemaker—I thought I ought to mention his name to you."

Mr. Stonebridge thought Mr. Loring would be all right; certainly the Society ought to have a representative go there if Dr. Hornaday cannot go; and then if the government can have a representative in Dr. Palmer or somebody who would be satisfactory to Dr. Palmer, the two working with the Congressmen, Governor and others interested in the State, would probably secure a good locality.

Motion was made by Mr. Stonebridge, seconded by Mr. Seymour, to give the President power to act in the premises and to add to his committee if he wishes. Motion being put, meeting voted "aye" unanimously.

The President requested that a representative be appointed to take charge of the matter, expenses not to exceed $300, and see what aid can be secured from the Government, they to oversee fencing and administer the herd after it is established. The Society's responsibility to be limited to securing the bison.

It was then decided to send out a representative to study conditions and spend about a month, at a cost, instead of $300, not to exceed $500. Motion being duly put, meeting voted "aye" unanimously.

Dr. Hooper: "I wish to bring up another matter of the appropriation for securing a herd. The Board of Managers, at the annual meeting, voted to authorize

the Executive Committee to expend a sum not exceeding $2,000, from any funds the Society might have, in purchasing animals for a new herd to be established somewhere in South Dakota. Of course, $2,000 would be a large part of what we have in the treasury, and it probably would not buy more than six or eight buffalo. It would appear desirable that we should have added to that sum $5,000. If it is agreeable to you, I would like to entertain a motion that the officers of the Society be authorized to raise the sum of at least $5,000, to be used in the purchase of buffalo for the next buffalo reservation established."

Motion made by Mr. Seymour, seconded by Mr. Stonebridge. Motion open for discussion.

Motion was made by Dr. Hooper, seconded by Mr. Wharton, that the Society guarantee to the government a herd of not less than fifteen buffalo. Motion being put, meeting unanimously voted "aye."

President Hooper then rose and said:

"At the annual meeting of this Board, the Board realized seriously the fact that Dr. Hornaday was not present and was no longer President of the Society. The members of the Society rallied courage and determined, although the chief was for the time being away, that it would go ahead and do the best it could under the circumstances. It decided, however, that in view of the fact that Dr. Hornaday had retired as President of the Society, and in view of the fact that he had rendered most distinguished services to the cause for which the Society was created and maintained, that it would amend its constitution and create a new order of membership—that of Honorary Membership—such membership to be conferred only upon such person or persons as should have rendered distinguished services in the cause of the preservation of the American bison. This amendment, proposed at the annual meeting, could be voted upon after two weeks, and consequently a later meeting of the committee was held, the amendment was adopted, and Dr. Hornaday was then elected the first Honorary Member of The American Bison Society.

"Dr. Hornaday, on behalf of the Society, I have the very great pleasure and the honor of presenting to you this certificate of Honorary Membership in the Society, because of that heroic and splendid service which you have rendered during the past few years to this Society and the cause for which the Society is maintained. The service has been unequaled in the history of any similar society in our country. No one else could have done the work which you have done; and in tendering to you this certificate for these reasons I want to say, in addition, that we all of us feel bound to you as with bonds of steel. We love you, we respect you, we honor you, and this certificate goes to you from our hearts as well as from our consciousness of the service which you have rendered."

Dr. Hornaday replied as follows:

"*Mr. President and Gentlemen:* This is something that is sufficient to touch the heart of a graven image. Such tokens come only from the hearts of men who feel what they are doing. Without previous knowledge of the event, it would be impossible for me to express to you the half of what I feel in this connection. It is a source of the utmost pleasure to believe from your assurances that I have been partly instrumental in carrying on one phase of the Bison Society's work, and rendering some service to the Society and to the cause to which it is devoted. I feel that my own part in the matter, as evinced by this token, has been over-estimated. I have been only a cog in the wheel.

"The success of the Society so far has been due wholly to the Society, and not to any one man. Neither in the founding of buffalo herds, nor in any other of the great enterprises connected with the salvation of our wild life can it be said that 'one swallow makes a summer.' It takes a great many good men and good women working together to accomplish any great purpose in the saving of our wild life. In union there is strength. It is union that counts. It is the solidarity that achieves the results; and the reason why the Montana bison herd was founded is found in the fact that a splendid organi-

zation worked together as one unit to that purpose. The spirit manifested in that organization has been sufficient to inspire not only one man, but thousands of men. It has been something splendid.

"Owing to the manner in which the fund was collected, the work happened to be very laborious. If we had started out to raise the money in large sums instead of small ones, the work would have been a great deal easier; but we started out to make it a national movement, so that as many of our American people as wished to do so, could contribute; and therein was considerable work involved.

"This beautiful token, Mr. President and gentlemen, will be one of the prized heirlooms of my family, and of me. In case of fire, we will save this first. It will be handed down to posterity as long as I have any, as one of our most precious possessions, chiefly because of the fact that it comes from this body, representing this Society.

"The American Bison Society is a splendid organization. It will go from strength to strength, until the time comes that it is no longer necessary to consider movements for the saving of the bison. Then I predict that your energies will be directed to saving other species of wild life that presently may be as much threatened with extinction as the bison was three or four years ago. In conclusion, Mr. President and gentlemen, I thank you from the bottom of my heart for this beautiful token, for the trouble that you have taken to create a new class of membership, and for the kindness of heart and the generosity that has prompted you to offer one of those places to me. In my estimation, each one of you should be an Honorary Member. I thank you."

President Hooper then stated that some further authority ought to be given to the President for the months to come before the Association meets again to appoint a Finance Committee to take up the matter of raising the $5,000.

The President was authorized to appoint a committee to raise a fund of not less than $5,000 to be used in the purchase of bison for another bison herd.

Discussion was then had regarding buffalo on Antelope Island. It was decided that matter of the two buffalo there be left to a committee with power. Motion being put, all voted "aye."

Dr. Hooper then stated there were three vacancies to be filled on the Board of Managers—Dr. Bumpus, who resigned soon after the annual meeting—his term would have expired in 1912—James R. Garfield and Thomas M. Osborn, the two latter having declined election.

It was moved and seconded that the resignation of Dr. Bumpus be accepted. Motion being put, all voted "aye."

President Hooper: "The vacancies are as follows: One of the class of 1912, One of the class of 1913, One of the class of 1914. Nominations are in order."

Mr. Baynes nominated John C. Phillips of Boston to fill one vacancy. Mr. Stonebridge nominated Dr. Hornaday, seconded by Mr. Pratt. Mr. Baynes nominated Mr. W. S. McCrea of Chicago, seconded by Mr. Stonebridge.

It was moved and seconded that the Secretary cast a ballot for Dr. Phillips of Boston for the class of 1912. Motion being put, all voted "aye."

It was moved and seconded that the Secretary cast a ballot for Dr. Hornaday, class of 1914. Motion being put, all voted "aye."

It was moved and seconded that the Secretary cast a ballot for Mr. McCrea of Chicago, class of 1913. Motion being put, all voted "aye." These gentlemen were then declared elected.

The meeting then adjourned.

W. P. WHARTON,
Secretary.

CENSUS OF AMERICAN BISON IN NORTH AMERICA ON JANUARY 1, 1911

Owner and Location	Males	Females	Living Young born in 1910	Total
ARIZONA:				
Grand Canyon Game Preserve—C. J. Jones		uncertain		
ARKANSAS:				
Weiner—Albert Huber	1	1	0	2
CALIFORNIA:				
Long Beach—B. A. Grant	1	0	0	1
San Francisco—Golden Gate Park	18	12	5	30
COLORADO:				
Denver—City Park	7	7	2	14
DELAWARE:				
Wilmington—T. C. DuPont	1	1	0	2
DISTRICT OF COLUMBIA:				
Washington Nat. Zoological Park	5	8	1	13
ILLINOIS:				
Chicago—Lincoln Park	5	10	1	15
Granville—A. W. Hopkins	1	1	0	2
INDIANA:				
Nappanee—J. S. Walters	1	1	0	2
IOWA:				
Buffalo Centre—C. E. Mallory	1	0	0	1
Davenport—City Park	3	11	4	14
Iowa Falls—City Park	1	0	0	1
Keokuk—Rand Park	2	2	0	4
KANSAS:				
Belvidere—Soldier Creek Park	19	25	12	44
Topeka—Park Department	3	3	1	6
Wichita—City Park	1	1	0	2
MASSACHUSETTS:				
Newtonville—Norumbega Park Co.	4	2	1	6
West Brookfield—Indian Rock Farm	1	2	1	3
MICHIGAN:				
Detroit—Belle Isle Park	1	3	0	4
MISSOURI:				
Kansas City—Horne's Zoo. Arena	18		5	18
St. Louis—Forest Park	1	2	0	3
MONTANA:				
Butte—Electric Railway Co., Columbia Gardens	2	1	0	3
Kalispell—Estate of C. E. Conrad	13	20	13	46*
Montana Nat. Range, U. S. Gov't	19	32	11	51†
Ronan—Michel Pablo	about 80		?	80
NEBRASKA:				
Friend—J. W. Gilbert	3	4	1	7
NEW HAMPSHIRE:				
Newport—Blue Mt. Forest Asso.	37	47	21	85
NEW YORK:				
Buffalo—Zoological Garden	2	1	1	3
Cohocton—B. Y. Veeder	1	0	0	1
N. Y. City—Wm. Bartels Co.	6	2	0	8
Zoological Park	15	21	6	36
Cen. Park Menagerie	2	6	3	8
Rochester—Seneca & Durand-Eastman Parks	2	2	0	4
OHIO:				
Cleveland—City Park	1	0	0	1
Cincinnati—Zoological Garden	6	6	1	12
South Newbury—W. B. Cleveland	2	1	1	3
Toledo—City Park	2	0	0	2

*30 head sold to Canadian Government during past year.
†Reported increased to 69 during 1911.

DISTRIBUTION OF BIS

DISTRIBUTION OF BISON JAN. 1, 1911.

CENSUS—*Continued*

Owner and Location	Males	Females	Living Young born in 1910	Total
OKLAHOMA:				
Wichita Game Preserve—U. S. Gov't	10	13	5	23*
Bliss—101 Ranch—Miller Bros.	7	39	12	46
Pawnee—Major J. W. Lillie	14	46	7	60
PENNSYLVANIA:				
Allentown—Harry C. Trexler	1	2	0	3
Philadelphia—Zoological Park	4	2	1	6
Pittsburg—Highl'd P'k Zoo Garden	1	1	0	2
SOUTH DAKOTA:				
Fort Pierre—James Philip	285		....	285
TEXAS:				
Dallas—H. A. Fleming & Co. (formerly Goodnight Herd)	120		?	120
Dalhart—Moore & Walker	14	25	9	39
UTAH:	about			about
Salt Lake City—John E. Dooley	70		18	70
WASHINGTON:				
Seattle—Park Board	2	4	0	6
WISCONSIN:				
Milwaukee—City Park	2	2	1	4
WYOMING:				
Yellowstone National Park				
Fenced herd	60	60	22	120
Wild animals	about 25		....	25
CANADA				
ALBERTA:				
Buffalo Park—Canadian Gov't	870		....	943†
Elk Island Park—Canadian Gov't	48			
Banff National Park—Canadian G't	25			
ATHABASCA:				
(Wild Bison)	about 450		....	450
BRITISH COLUMBIA:				
Vancouver—Board of Park Comrs.	1	0	0	1
MANITOBA:				
Brandon—Inter-Provincial Fair	2	3	0	5
Winnipeg—Assiniboine Park	2	1	0	3
ONTARIO:				
Toronto—Riverdale Park	1	1	0	2

*7 calves born during summer of 1911.
†Increased to 1,132 on November 16, 1911.

SUMMARY

AMERICAN BISON OF PURE BLOOD IN NORTH AMERICA

	Total 1911	Total 1910	Total 1908	Total 1903
Captive in United States	1331	1007	1116	969
Captive in Canada	954	626	476	41
Captive in North America	2285	1633	1592	1010
Wild in North America	475	475	325	....
All pure blood bison in No. America	2760	2108	1917	....

RESOLUTION ADOPTED AT THE ANNUAL MEETING, 1911, IN RECOGNITION OF THE WORK OF THE CANADIAN GOVERNMENT

WHEREAS, The Canadian Government during the past five years has taken very great interest in the fate of the American Bison, has produced at great cost the largest herd of bison in the world, has established this herd, numbering nearly 1,000, on two great preserves, Elk Park and Buffalo Park, respectively—the latter containing 122,000 acres—and has done these things with a view of insuring the permanent preservation and increase of the American Bison, for which purpose this society was organized;

Therefore be it resolved, That we, the members of the American Bison Society, in annual meeting assembled, hereby express our highest appreciation of what the Canadian Government has done for the cause of the permanent preservation of the American Bison, and that we recognize in the establishment of two great bison ranges most important acts in the interest of the conservation of this the noblest of our quadrupeds, native of American soil.

CANADA'S PART IN THE PRESERVATION OF THE BUFFALO

[Prepared by the Canadian Government at the request of The American Bison Society]

The interest of the Canadian Government in the buffalo began in 1897 with the receipt at Banff, in the Rocky Mountains Park, of three Texas buffalo, as a gift from Mr. T. G. Blackstock of Toronto, a donation which was supplemented in the year following by one from Lord Strathcona, who presented the government with thirteen head from his herd at Silver Heights, near Winnipeg.

In their mountain-girt enclosure at Banff, these animals proved to be a most interesting attraction to the thousands of tourists, who from year to year were drawn to Banff by the fame of its natural beauties and its hot springs; and so well did the buffalo thrive by close attention and judicious crossing, that in the year 1909 the herd had increased from nineteen head, only six of which were females, to over one hundred head.

During the year 1906 began those negotiations between Mr. Michel Pablo, of Ronan, Mont., and the Dominion Government, which terminated in the purchase of Mr. Pablo's entire herd of buffalo, which was then considered to consist of about 250 head. Mr. Pablo, finding himself confronted with the prospective loss of his buffalo range, approached the Canadian Government, through one of its local immigration officials, first, with a view to finding a suitable grazing area for his buffalo in Alberta, and finally, with an offer to sell the entire herd. This idea appealed to the Honorable Frank Oliver, Minister of the Interior, and after due consideration, Mr. Howard Douglas, Chief Superintendent of Dominion Parks, was commissioned to arrange for the purchase and terms of delivery, and to make all arrangements necessary on the part of the Dominion Government for the undertaking.

The first part of Mr. Douglas's commission was comparatively simple; but the work of loading and transporting over 700 head of wild buffalo a distance of six hundred, and in the case of one shipment one thousand, miles, presented many difficulties, and the small percentage of loss between the point of transportation and delivery at the Canadian Parks bears testimony to the perfection of the arrangements.

To the courage and perseverance of Mr. Pablo in pushing his contract to a successful conclusion in the face of unimagined and trying obstacles, only brief, though earnest, tribute can be paid here; the danger and romance of these buffalo round-ups during the years 1907–11, the skill and perseverance called into play thereby, and the immensity of the undertaking generally cannot be adequately dealt with in a brief general statement.

During the year 1907 two shipments totalling 410 head were safely delivered in the Elk Island Park, Alberta, a fenced enclosure, sixteen square miles in area, which had been established shortly before for the protection of elk and deer. This park was not considered suitable in character, nor adequate in area for a buffalo herd of the size in prospect, and an area of 162 square miles, now known as Buffalo Park, was selected near Wainwright, Alta, on the line of the Grand Trunk Pacific Railway, and a galvanized steel wire fence constructed around it at a cost of $60,000. The fence, which is nine feet high and over seventy-four miles long, consists of fourteen strands, strengthened with upright wires one foot apart, and is furnished with several gates located at convenient points. Over 25,000 posts and 1,700 miles of wire were used in the construction of this fence.

The government was fortunate, when searching for an additional grazing area, to find the lands comprised in the present buffalo park still available, as it is a veritable "buffalo paradise," well watered by eighteen small lakes, and produces a luxuriant growth of buffalo grass. The land is rolling in character, and the many coulees and bluffs of scrub timber afford ample protection in cold weather. In fact Buffalo Park is an old-time buffalo

feeding ground, as the many old trails and wallows still testify; and the sight of a freshly made wallow, situated side by side with one grass-grown and faint in outline, or the spectacle of a number of the denizens of Buffalo Park filing along one of the old-time trails to the same waters at which their predecessors of the plains slaked their thirst, is singularly impressive.

Since the first arrivals in 1907, each year (excepting the year 1908) has witnessed further shipments, which have been placed in Buffalo Park, the total number received from Mr. Pablo up to the present time being 709 head.

Three hundred and twenty-five of the buffalo first placed in Elk Island Park were transferred to the more suitable range in Buffalo Park in 1909, the loading being accomplished in the record time of three days, and the loss by accident being less than one per cent. Seventy-seven head were also transferred from Banff to Buffalo Park, and these, together with thirty head purchased last year from the Conrad estate at Kalispell, Mont., are being crossed with the Pablo herd, a measure which will prevent the evils of undue inbreeding.

To facilitate these arrangements, two cross fences have been run across the range, dividing it into three parts. About 7,000 acres are used as a winter range. The buffalo are driven in about the first of December, and out again in the spring, the grass being allowed to grow all summer to provide feed for the following winter. There is also kept a supply of stacked hay cut from hay meadows within Buffalo Park sufficient to provide one and one-half tons for each animal, in case of particularly severe weather; but not more than one-half ton per head has been consumed during each of the past winters.

To protect the park from prairie fires, a strip twenty feet wide has been plowed on each side of the fence, throughout its entire length; a number of cross-guards have also been broken up. In order to keep these fire-guards in a state of efficiency, they are worked over each year, involving for a one-horse team a journey of some 500 miles. This fire-guard has already demonstrated its usefulness,

when in 1909, despite the many newspaper reports to the effect that the prairie fires, then raging in that locality, had invaded the park, and liberated the herd, stampeding the animals northwards beyond hope of recovery, it was found that the fence was intact and the herd undisturbed.

The chasing of the buffalo in the round-ups, and the necessary transferring of some of them from place to place before their final location in Buffalo Park, has naturally militated against any very large natural increase, but, notwithstanding these adverse influences, the gross increase to date is approximately 270 head, against which must be registered a loss of ninety head due to accidents of various kinds.

There are now in the various national parks of Canada, which are administered through the Dominion Parks Branch of the Department of the Interior, about 1,006 head of buffalo, distributed as follows: 27 head at Banff, 61 in Elk Island Park and 918 in Buffalo Park. The animals are in a thriving condition and have taken kindly to their new quarters.

The knowledge gained in the care of the Banff herd is being successfully applied to the management of the much larger number of animals now distributed in the various national parks, and it is observed with satisfaction in Canada that the efforts of the Canadian Government to preserve this, the most conspicuous and characteristic game animal of pioneer days on the western plains, are being followed with appreciative interest, not only by her own citizens, but by many in the neighboring Republic, who, like the members of the American Bison Society desire earnestly the success of any measure which has for its object "the permanent preservation and increase of the American Bison."

The Wood Buffalo

It may be of interest to add a word respecting the Wood Bison in the far north, known as the Salt River Herd, which roam at will the country between Slave River and the Cariboo Mountains, some 700 miles north

of Edmonton, Alta. The numbers of these animals have been variously estimated from 300 to 1,000, although no reliable information in this connection has yet been received.

Regulations forbidding the killing of these animals have been existent for some years and have been enforced by the Royal Northwest Mounted Police. Reports have, however, been received by the Department of the Interior during recent years of the serious inroads made in the herd by wolves, and though a substantial bounty was offered for their destruction, the Indians, owing to tribal superstitions, could not be induced to earn the bounty. To meet this situation the Department of the Interior has sent an experienced trapper and a young student of biology, skilled in wood-craft, to destroy as many wolves as possible, and to report fully as to the character of the country, the range, numbers and habits of the buffalo, and the best means of further protecting them. It is hoped that, when this region becomes more accessible, it may be possible to capture some of these animals and transfer them to some of the government herds for breeding purposes.

FRED. H. BYSHE.

THE CORBIN BUFFALO HERD

THERE is just one spot in all New England—I might say in all the United States east of the Mississippi River—where we can see a herd of pure-blood buffalo, practically at large; that is in the great Blue Mountain Forest Game Preserve, near Newport, Sullivan County, N. H. A wonderful place is this—25,000 acres of glorious mountain and valley and plain, in the very heart of the "Coniston" country, familiar to every reader of Churchhill's fascinating novel.

The idea of buying up Croydon Mountain and the three hundred farms which it brooded as a partridge broods her chicks, of fencing it with a nine-foot wire fence, and of stocking it with healthy, pure-bred specimens of the disappearing North American big game, was a bold conception even for the late Austin Corbin, a man world-famous for his bold conceptions. And he not only conceived the idea, he carried it out to the last detail, and more than twenty years ago established a game preserve the like of which cannot be found anywhere else in the country even to-day.

Interesting as the subject is, there is no space in this report for even a brief description of "Corbin Park," as the great preserve is called by the people who live along its borders; the writer must confine himself to a very short account of the famous buffalo herd which constitutes, for the members of The American Bison Society at least, its chief attraction.

It was on a bright morning in 1890, that the farmers working in the fields near the road between Newport and Croydon Flat, stopped their oxen for a minute to gaze in wonder at a passing herd of the strangest "cattle" they had ever seen. Great brown beasts they were, with burly, horned and bearded heads, short, powerful necks, high, rounded humps, and short tails, ending in a tuft of hair. These creatures were pictures of prodigious strength. From their mighty forelimbs hung banners

of long dark hair, which waved in the breeze as they marched along with a majestic stride befitting the grandest animal which ever trod the soil of the American continent. They were the Corbin herd of bison, on their way to their new home in the Blue Mountain Forest.

With forty square miles of territory at their disposal, it is doubtful if the buffaloes knew that they were inclosed, and when occasionally they saw a fence, they probably didn't know on which side of it they were walking. So they roamed at will and in peace, drinking from the trout brooks or the little lakes, creating "wallows" by rolling in the dirt, grazing through the old pastures lately used for domestic cattle, and making well-defined trails through the dense spruce forests from one old farm to another. Then in December came the deep snow, covering up all the pastures, and buffaloes found difficulty in pawing through it to get at the dead grass beneath. But they were not to be left to shift for themselves. Down at "Central Station," a twenty-acre inclosure near the southern end of the preserve, corrals had been built, and it was proposed to bring the buffaloes here and feed them on hay until the following spring. As the buffaloes knew nothing of these preparations—in fact were ignorant of the existence of "Central Station"—it was necessary to show them the way to their winter quarters. This was done by laying a trail of hay for several miles over the mountain, and the hungry buffaloes followed it eagerly until it led them right into the corrals.

The herd thrived and increased until 1896, when it numbered seventy-five head. Then it got the one great setback of its entire history. Under an arrangement with the city of New York, twenty-five head were sent to Van Cortlandt Park, with the head keeper in charge, but (owing to the bad water it is thought), they became so diseased that they all either died or had to be killed—one-third of this fine little band wiped out at a single stroke. The remaining fifty head continued to thrive and increase until 1905, when they numbered about one hundred and seventy-five head. This was

CORBIN BUFFALOES IN WINTER QUARTERS
By Ernest Harold Baynes

high-water mark. The ever-increasing expense of maintaining a large buffalo herd in a climate like that of New Hampshire, where the animals have to be fed on hay for five months in the year, finally forced the owners to the conclusion that there was a limit to what they could wisely do toward preserving the race of bison from extinction. Since then they have sold upwards of a hundred and fifty buffaloes, but there has been such a healthy increase of the stock retained, that there are still over a hundred head in the preserve.* Many of the buffaloes which were sold went to stock other preserves, and nothing could have been better for the cause of bison preservation; but alas, many of them went to the butcher and the taxidermist, a fate from which we should earnestly seek to save every individual of this noble race, which now, through the timely efforts of the Canadian and United States governments, is beginning to hold its own.

Perhaps nothing else in New England is so calculated to inspire one to lend a hand in the work of preserving American big game, as a sight of this great buffalo herd, ranging over Croydon Mountain. Not only is the observer impressed with the majesty of the animals themselves—of their worthiness to survive—but he is impressed with the fact that it is possible to preserve them, even in a severe climate like that of New Hampshire, where for several months in the year it is quite impossible for them to obtain their own food.

Members of this Society who may wish to see this great herd, may find it convenient to know how and when they may best visit the Park. The Blue Mountain Forest is usually open to the public from the first of June to the first of September, and carriages with not more than two horses are admitted at "East Pass," "West Pass" and "Brighton" gates. Visitors in automobiles, on bicycles or afoot are not admitted. People coming from Boston will find it best to get tickets for Newport, N. H., whence they can drive seven miles to the "East Pass" Gate. Those coming from New York had best take the train to Windsor, Vt., and from there

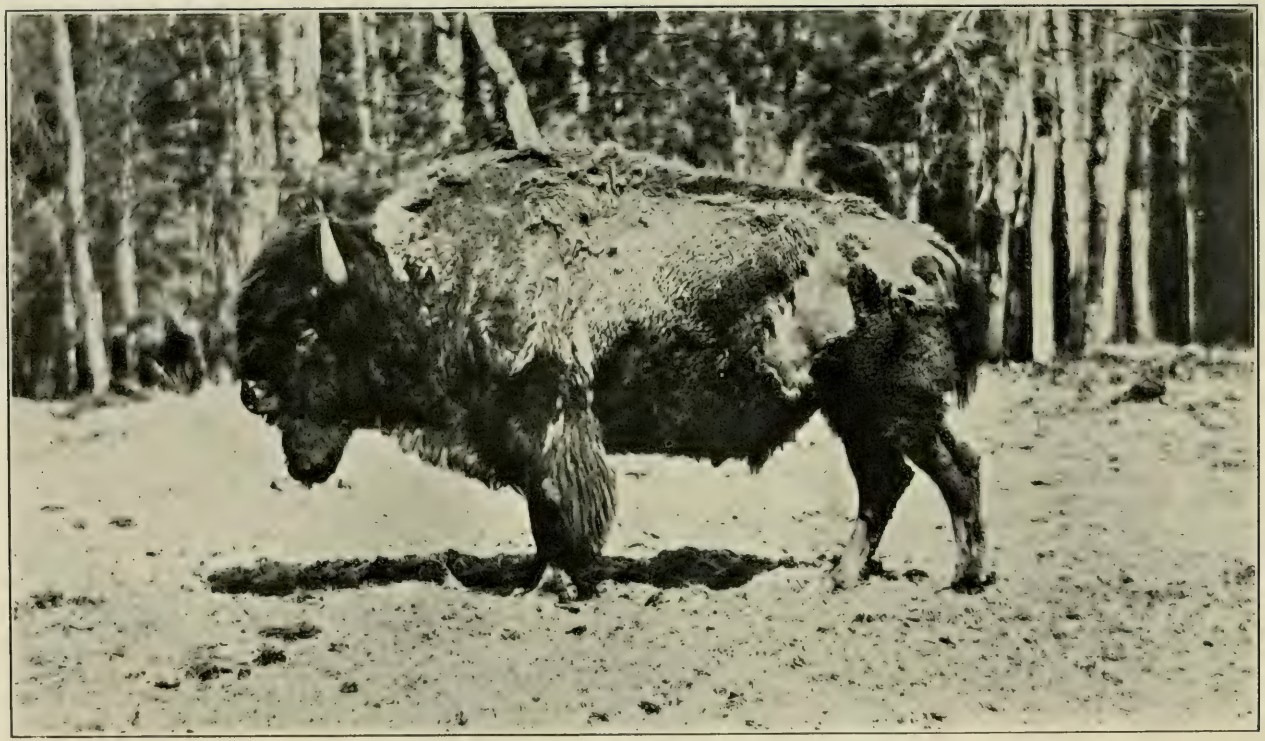
*Written six months after the census was taken.

THE CORBIN BUFFALO HERD IN NOVEMBER
By Ernest Harold Baynes

drive either to the "West Pass" Gate or the "Brighton Gate. Automobile parties can easily arrange with the livery stables at Newport or Claremont, N. H., or at Windsor, Vt., to be met with carriages at any one of the three gates mentioned, where they can leave their cars while they drive over the Park. Of course, the preserve is a very large one, and there is always a possibility that visitors will not see the buffalo herd; it can only be said that they are likely to see it. They are also likely to see white-tailed deer, German and Russian wild boar, and possibly elk, and even if they see none of these things they cannot fail to enjoy the views of the wonderful country in which these creatures make their homes.

But if they do see the buffalo herd they will see a sight that they will never forget. Perhaps they will come upon it suddenly, in the shade of an ancient orchard, the mighty, bearded bulls rubbing their priceless heads against the trunks of the gnarled apple trees, the cows lying down perhaps, calm but very alert, slowly chewing the cud, while the wide-eyed, tawny calves gaze inquiringly at the intruder from beneath their watchful mothers' hairy throats.

Or perhaps there will ~~be a~~ "come" to the visitor, a sound as of distant thunder, and presently he will see a cloud of dust rise and come pouring over the ridge of some treeless hill. Then from that cloud of dust he will see the Corbin buffalo herd, a hundred strong, tear, a living avalanche, down that steep hillside, bulls and cows in headlong flight, while the nimble calves, bearing charmed lives it would seem, bravely hold their own, weaving red streaks in the background of liver brown. At the bottom of the hill a stream may lie in their way; but it takes a big stream to stop animals that can swim the Missouri in flood time. Through it they go in a shower of rainbows, race across a wide stretch of open ground like thoroughbreds in the homestretch, and with a crash like the falling of big timber the spruce forest swallows them, and the visitor stands watching the still-moving boughs with a feeling that he



A CORBIN BULL IN APRIL—SHEDDING HIS WINTER COAT
By Ernest Harold Baynes

wouldn't have missed the sight for many times the trouble and expense of the journey to this unique reservation. Better than that, perhaps he will go away with the determination that he will do his share to insure the preservation of these wonderful brutes, which otherwise may be doomed to be upholstered for the decoration of dens and dining rooms.

ERNEST HAROLD BAYNES.

BISON IN THE YELLOWSTONE NATIONAL PARK

[Extract from Report of Acting Superintendent for 1910]

Wild Herd

A HERD of twenty-nine wild buffalo was seen in Pelican Valley on February 23, and a small herd of five was seen on Cache Creek on February 3. One old bull died during the winter in the vicinity of Yellowstone Lake, and its skeleton and hide were sent to the National Museum at Washington, D. C., as specimens.

Fenced Herd

The herd of tame buffalo under fence in the park continues to thrive and the increase is satisfactory. The herd now numbers one hundred and twenty-one head, of which twenty-eight are this year's calves. One calf was born late last fall, after my annual report had been submitted, but was killed by an old bull when but a few weeks old. A four-year-old bull that was crippled and generally in bad condition died about November 20. The head of the bull and the robe, head and skeleton of the calf were shipped to the National Museum at Washington, D. C., as specimens. A yearling calf died Sept. 1, 1910, from the effects of having been gored by one of the old bulls, and the head and skeleton have been saved for shipment later to the National Museum.

Sixteen bulls were removed from the Lamar Valley herd to the pasture at Mammoth Hot Springs, where they were kept during the summer in order that visiting tourists could see them.

Probably six thousand tourists viewed this herd during the summer, it being one of the main features of the stop at Mammoth Hot Springs.

Another good purpose is served in bringing this herd of bulls to Mammoth during the summer. There are

altogether too many bulls in the herd, as they are continually fighting among themselves and endangering the lives of the young calves, and their removal eliminates a portion of this danger. It is believed that it would be better if a number of these old bulls could be disposed of entirely, some of the finest ones being retained each year for breeding purposes.

With the rapid increase of the herd, it is necessary to provide additional meadow land for raising hay for them each summer. The hay crop was very short the past season, and it was necessary to go four miles away from the corrals to secure enough for the winter. Including about thirty-five tons left over from last year, there are about one hundred and fifty tons on hand, and it is believed that unless the winter is unusually severe this will carry them through until spring if carefully fed. Three thousand dollars was appropriated for the maintenance of the buffalo for the current fiscal year. This sum is now too small for the size of the herd, and it is urgently requested that it be increased next year to $4,000.

During the past summer the entire herd at Rose Creek has been turned loose outside of the inclosure daily for the purpose of grazing. At first they were let out for about two hours, twice daily, and then driven into the inclosure, but this was gradually increased as they became tamer and more used to being handled, until now they are kept out all day. In this way they are enabled to get practically all the feed they need outside of the pasture, which soon becomes short during the dry part of the summer, and at the same time they become accustomed to being handled, and are becoming quite tame and tractable.

THE WICHITA HERD

U. S. Dept. of Agriculture, Forest Service,
Wichita National Forest,
Cache, Okla., Dec. 30, 1910.

Dr. W. T. Hornaday,
American Bison Society,
New York, City N. Y.

Dear Mr. Hornaday: I guess you would like to know how your pets are getting along. Well, I must say that the condition of the buffalo herd was never better than at the present time. They are all fat and glossy, and the young stock is making a wonderfully fine growth. I am enclosing some photographs which will give you an idea of how the herd looks.

The weather is fine, and we have plenty of nice feed to last them through the winter. We have twenty-three head in our herd, and I want to tell you I am proud of them! There have been no fever ticks on them for over two years, and I feel now that if we are careful about carrying ticks into their pasture we are absolutely safe, and our little herd will soon rank among the best in the land.

We have just received six Antelope from the Yellowstone Park, and there are four more to come. We will have ten head in all. We could not have received any animal other than bison that I would be quite so proud of as I am of these Antelope. I have always had a warm place in my heart for these noble little animals. The Boon & Crockett Club has presented them to the Government; they come by express prepaid.

Very sincerely yours,

FRANK RUSH,
Game Warden in Charge.

CONSTITUTION OF THE AMERICAN BISON SOCIETY

ARTICLE I.—NAME

The name of this organization shall be The American Bison Society.

ARTICLE II.—OBJECTS

The objects of this Society shall be the permanent preservation and increase of the American Bison.

ARTICLE III.—MEMBERSHIP

Section 1.—The membership of this Society shall consist of Associate Members, Members, Life Members, Patrons, and Honorary Members.

Section 2.—Any person in sympathy with the objects of this Society may become an Associate Member by paying the prescribed dues.

Any person in sympathy with the objects of this Society may become a Patron, Life Member, or Member upon election by the Executive Committee and payment of the prescribed fees or dues.

Section 3.—The dues of an Associate Member shall be one dollar, payable annually. The dues of a Member shall be five dollars, payable annually. The fee of a Life Member shall be one hundred dollars. The fee of a Patron shall be one thousand dollars.

Section 4.—A Member may be expelled from the Society upon the written recommendation of any officer, by a majority vote of the members of the Executive Committee present at any meeting, provided notice of such proposed action, with reasons therefor, be sent to the member and to the Executive Committee at least one week before such meeting.

ARTICLE IV.—GOVERNMENT

Section 1.—The governing body of this Society shall consist of a Board of Managers of twenty-seven persons, divided into three groups of nine each. The tenure of office of the Managers shall be three years, but only nine Managers' terms can expire by limitation in any one year. Therefore, at each annual meeting of the Society, nine new members shall be elected by ballot of a majority of the members present, due notice having been given in advance to all members.

Section 2.—The Board of Managers shall elect each year at its annual meeting, from its own members, by ballot and a majority vote, a President, two Vice-Presidents, Secretary, and Treasurer, and five persons to form, with the President and Secretary, the Executive Committee of the Society. Honorary officers, each to serve a term of one year, may be elected at the discretion of the Executive Committee.

Section 3.—Vacancies occurring in the Board of Managers and Executive Committee may be filled by the Executive Committee to complete the year in which they occur.

Section 4.—At the annual meeting a Nominating Committee, consisting of three members, shall be appointed by the presiding officer; their duties shall be to present a list of candidates to fill vacancies on the Board of Managers.

ARTICLE V.—DUTIES OF OFFICERS

Section 1.—The duties of the officers shall be such as pertain to their respective offices in similar societies. The President shall be ex-officio chairman of the Board of Managers and of the Executive Committee.

Section 2.—The Vice-Presidents shall perform the duties of the President, in his absence, in the order of seniority of office.

Section 3.—The Secretary shall record the proceedings of the Society, of its Board of Managers, and of its Executive Committee, in books to be kept for the purpose; shall have charge of all records belonging to the Society, and of its publications; shall conduct the correspondence of the Society and keep a record thereof; shall inform members, Managers, and officers of their election; and shall give notice of all meetings, and inform the Managers and officers of all matters requiring their action.

Section 4.—The Treasurer shall collect all bills and assessments due the Society; shall pay from the funds of the Society all bills duly approved by the President, or by three members of the Executive Committee; shall send to the Secretary once a month the names and addresses of all new members. He shall also furnish, at the request of the Executive Committee, a statement of the financial condition of the Society.

ARTICLE VI.—MEETINGS

Section 1.—There shall be an annual meeting of the Society, for the election of Managers and other general purposes, on the second Thursday of January.

Section 2.—Special meetings may be called upon seven days' notice by the President, or on a written application signed by three members of the Board of Managers, stating the object of said meeting.

Section 3.—The annual meeting of the Board of Managers shall be held immediately after the annual meeting of the members of the Society, and other meetings may be held at such times as the President or Executive Committee may deem desirable. Five members of the Board shall constitute a quorum.

Section 4.—Meetings of the Executive Committee may be held at such times and places as may be appointed by the President, or, in his absence, by the Secretary, and three days' notice of each meeting shall be given. Three members constitute a quorum.

Section 5.—The order of business shall be as follows:—

Reading records of previous meeting.
Reports of Committees.
Reading communications.
Unfinished business.
New business.

Cushing's Manual shall be the authority for the decision of disputed questions of order and debate.

ARTICLE VII.—AMENDMENTS

Amendments or alterations of the Constitution may be made by a two-thirds vote of a meeting of the Board of Managers at any meeting, provided written notice of the proposed change shall have been sent by mail to every member of the Board of Managers not less than seven days previous to said meeting.

MEMBERS OF THE AMERICAN BISON SOCIETY

PATRONS

Blue Mountain Forest Association	New York City
Conrad, Charles E., Estate	Kalispell, Mont.
Dooly, John E.	Salt Lake City, Utah
Elliot, Howard	St. Paul, Minn.
Goodnight, Charles	Goodnight, Texas
Philip, James	Fort Pierre, S. D.
Senff, Charles H.	New York City

LIFE MEMBERS

Anderson, A. A.	New York City
Atkins, Edwin F.	Boston, Mass.
Archbold, John D.	New York City
Baylies, Walter C.	Boston, Mass.
Bliss, Mrs. Wm. H.	New York City
Bremer, J. L.	Boston, Mass.
Brinsmade, Chas. Lyman	Brooklyn, N. Y.
Brooks, Peter C.	Boston, Mass.
Bruce, Miss M. W.	New York City
Carnegie, Andrew	New York City
Clyde, Wm. P.	New York City
Connarroe, Mrs. George N.	Philadelphia, Pa.
Corbin, Austin	New York City
Draper, Mrs. Henry	New York City
Edgell, George S.	New York City
Edwards, H. A.	Albany, N. Y.
Eisenbrey, Mrs. W. Harrison	Haverford, Pa.
Estabrook, Arthur F.	Boston, Mass.
Foster, P. L.	New York City
Goelet, R. W.	New York City
Henshaw, Samuel	Cambridge, Mass.
Hoyt, W. S.	New York City
Inches, George B.	North Grafton, Mass.
Kennard, Frederic H.	Newton Centre, Mass.
Lawrence, A. A.	Boston, Mass.
McCollough, E. A.	New York City
Nineteen Club	New York City
Norton, Geo. F.	New York City
Norton, W. P.	New York City
Parker, E. L.	Boston, Mass.
Peabody, George A.	Danvers, Mass
Phillips, Dr. John C.	Boston, Mass.

Phillips, John M.	Pittsburgh, Pa.
Pierce, H. Clay	New York City
Pratt, George D.	New York City
Sargent, Prof. C. S.	Brookline, Mass.
Sloane, Wm. D.	New York City
Thayer, Ezra Ripley	Boston, Mass.
Thayer, Mrs. Ezra Ripley	Boston, Mass.
Thayer, John E.	Lancaster, Mass.
Thompson, Mrs. F. F.	New York City
Turner, J. F.	New York City
Underwood, William Lyman	Boston, Mass.
Wadsworth, C. S.	Middletown, Conn.
Washburn, Hon. Chas. G.	Worcester, Mass.
Wharton, William P.	Groton, Mass.
Williams, Gibson T.	Buffalo, N. Y.
Wolcott, Prescott	Readville, Mass.

ACTIVE MEMBERS

Adams, Brooks	Quincy, Mass.
Adams, George E.	Chicago, Ill.
Allen, C. L.	Worcester, Mass.
Amory, Arthur	Boston, Mass.
Amory, Ingersoll	Boston, Mass.
Baackes, Frank	Chicago, Ill.
Baker, Dr. Frank	Washington, D. C.
Bassett, George M.	Worcester, Mass.
Baynes, Ernest Harold	Meriden, N. H.
Belmont, August, Jr.	New York City
Benkard, T. H.	New York City
Benson, Alexander	Philadelphia, Pa.
Bigelow, Joseph S.	Cohassett, Mass.
Blake, George F.	Worcester, Mass.
Boal, Charles T.	Chicago, Ill.
Boardman, W. J.	Washington, D. C.
Bowditch, Charles P.	Boston, Mass.
Brackett, Mrs. Lavinia M. P.	Brookline, Mass.
Brenchaud, J.	Yonkers, N. Y.
Bridgham, Joseph	East Providence Centre, R. I.
Bridgman, Herbert L.	Brooklyn, N. Y.
Brooks, John Henry	Boston, Mass.
Brown, Luther	Worcester, Mass.
Buchanan, Brig.-Gen. J. A., U. S. A.	Washington, D. C.
Bulkley, Joseph R.	New York City
Bumpus, Dr. H. C.	New York City
Burleigh, George W.	New York City
Burnham, John A.	Boston, Mass.
Burton, Miss Ariel	Deephaven, Minn.
Cabot, W. B.	Boston, Mass.

Caesar, Henry A.	New York City
Cammann, Katherine L.	New York City
Carey, Arthur A.	Waltham, Mass.
Carey, Henry T.	New York City
Carnegie, T. Morris	New York City
Carson, Hampton L.	Philadelphia, Pa.
Champollion, Andre	New York City
Chanler, John Armstrong	Cobham, Va.
Chase, W. H.	Leominster, Mass.
Chauncey, Charles	Philadelphia, Pa.
Clark, Miss F.	Philadelphia, Pa.
Clement, Hazen	Boston, Mass.
Coates, William M.	Philadelphia, Pa.
Coffin, W. E.	New York City
Collins, Palmer	Pittsburgh, Pa.
Coolidge, Harold J.	Boston, Mass.
Coolidge, J. T., 3rd	Boston, Mass.
Cox, John Lyman	Philadelphia, Pa.
Crane, Albert	Stamford, Conn.
Crosby, Maunsell S.	Rhinebeck, N. Y.
Dana, Samuel	Boston, Mass.
Daniels, F. H.	Worcester, Mass.
Davis, Mrs. H. C.	Philadelphia, Pa.
Davison, Chas. Stuart	New York City
Degener, J. F.	New York City
Demorest, William C.	New York City
Dewey, Francis H.	Worcester, Mass.
Dewey, George T.	Worcester, Mass.
Dick, Mrs. E. R.	New York City
Dienst, A. P.	New York City
Dumont, William C.	New York City
Dutcher, William	New York City
Dyche, Prof. L. L.	Lawrence, Kan.
Eaton, Francis G.	St. Louis, Mo.
Eaton, Howard	Wolf, Wyo.
Elliot, Dr. Daniel Giraud	New York City
Elrod, Prof. Morton J.	Missoula, Mont.
Emerson, Nathaniel W.	Boston, Mass.
Estabrook, A. T.	Boston, Mass.
Evans, Winthrop R.	Everett, Mass.
Everett, Dr. O. H.	Worcester, Mass.
Fisher, L. G.	Chicago, Ill.
Fleek, Henry S.	Newark, Ohio
Forbes, Alexander	Milton, Mass.
Forbes, J. Murray	Boston, Mass.
Freeman, Miss Harriet E.	Boston, Mass.
French, F. H.	Davenport, Iowa
Gage, Dr. Homer	Worcester, Mass.
Garretson, Martin S.	New York City

Gedge, Fred.	Chicago, Ill.
Geer, Mrs. Walter	New York City
Gibson, Miss Mary K.	Philadelphia, Pa.
Gould, G. H.	Santa Barbara, Cal.
Grant, Madison	New York City
Gratwick, F. C.	Buffalo, N. Y.
Hallett, William Russell	Boston, Mass.
Harbison, W. A.	Pittsburgh, Pa.
Harnishfeger, Phillip	New York City
Harrington, John W.	Worcester, Mass.
Hawley, E. S.	Buffalo, N. Y.
Heckscher, A.	New York City
Henry, J. H.	Lincoln, N. H.
Henshaw, John	Providence, R. I.
Henshaw, Stanley	Providence, R. I.
Hepburn, Hon. A. Barton	New York City
Herschel, Clemens	New York City
Hinnen, Dr. G. A.	Cincinnati, Ohio
Hodge, Dr. Clifton F.	Worcester, Mass.
Holt, John H.	Quebec, Canada
Hooper, Prof. Franklin W.	Brooklyn, N. Y.
Hopkins, Mark	Byrn Mawr, Pa.
Hornaday, William T.	New York City
Houghton, Clement S.	Boston, Mass.
Humphrey, W. Y.	Pittsburgh, Pa.
Hunt, Robert W.	Chicago, Ill.
Hutchinson, Charles L.	Chicago, Ill.
Hutchinson, John P.	Georgetown, N. J.
Hyde, John S.	Bath, Maine
Isham, Mrs. R. N.	Chicago, Ill.
Jacques, Herbert	Boston, Mass.
Jamison, Charles A.	New York City
Jeffries, W. A.	Boston, Mass.
Jones, Col. C. J.	Topeka, Kan.
Jordan, Prof. David Starr	San Francisco, Cal.
Keefe, J. S.	Chicago, Ill.
Kelly, Mrs. Susan Blake	Melrose, Mass.
Kelsey, A. Warren	Philadelphia, Pa.
Kemm, Theodore	New York City
Kennedy, Dr. Harris	West Roxbury, Mass.
Kent, William	Chicago, Ill.
Kenyon, George M.	St. Paul, Minn.
Kinney, A. B. F.	Worcester, Mass.
Kinney, Morris	New York City
Kreutzman, Dr. Henry	San Francisco, Cal.
Kuttroff, Adolph	New York City
Langdon, Woodbury G., Jr.	New York City
Laselle, Chester	Whitinsville, Mass.
Laselle, Josiah M.	Whitinsville, Mass.

Lathrop, Bryan	Chicago, Ill.
Lawrence, Samuel C.	Medford, Mass.
Lee, Blair	Silver Spring, Md.
Leverett, George V.	Boston, Mass.
Lippincott, S. P.	Wyncote, Pa.
Lodge, H. E.	Swampscott, Mass.
Long, Harry V.	Boston, Mass.
Lowndes, Mrs. Lloyd	Cumberland, Md.
Lucas, Frederick A.	Brooklyn, N. Y.
Lyman, Frank	New York City
Lyman, Theodore	Brookline, Mass.
Mark, Dr. E. L.	Cambridge, Mass.
Marshall, C. S.	Worcester, Mass.
Martin, G. A.	Franklin, Mass.
McCall, Richard	Philadelphia, Pa.
McCrea, W. S.	Chicago, Ill.
Mellon, W. L.	Pittsburgh, Pa.
Merrick, A. Vaughn, Jr.	Roxborough, Pa.
Miller, C. L.	Pittsburgh, Pa.
Morgan, Paul	Worcester, Mass.
Morse, Miss Frances R.	Boston, Mass.
Moses, William H.	Tilton, N. H.
Murphy, Franklin, Jr.	Newark, N. J.
Osborn, Prof. Henry F.	New York City
Olcott, Dudley	Albany, N. Y.
Paige, Calvin D.	Southbridge, Mass.
Palmer, Dr. T. S.	Washington, D. C.
Parker, Gen. Daingerfield	Washington, D. C.
Parker, Edward L.	Boston, Mass.
Patton, William S.	Boston, Mass.
Paul, John J.	Watertown, Fla.
Peary, Commander Robert E.	South Harpswell, Maine
Pickhard, Carl	New York City
Pope, G. D.	Detroit, Mich.
Pulitzer, Ralph	New York City
Radford, Harry V.	New York City
Randolph, Coleman	Morristown, N. J.
Randolph, Mrs. Fanny F.	Morristown, N. J.
Raymond, Charles H.	Morristown, N. J.
Remington, Frederick	New Rochelle, N. Y.
Reymershoffer, Charles	Galveston, Texas
Rossiter, E. J.	Claremont, N. H.
Rucker, William J.	Chicago, Ill.
Rush, Frank	Cache, Okla.
Sauter, Fred	New York City
Schieffelin, Mrs. H. M.	New York City
Seton, Ernest T.	Cos Cob, Conn.
Seymour, Edmund	New York City
Sheldon, Edwin B.	Delhi, N. Y.

Shiras, Hon. George, 3rd	Washington, D. C.
Simpson, John Crayke	Washington, D. C.
Smith, Chetwood	Worcester, Mass.
Smith, Frank B.	Worcester, Mass.
Smith, F. M.	Oakland, Cal.
Smith, Harry W.	Worcester, Mass.
Smith, John W.	New York City
Smith, W. Hinckle	Philadelphia, Pa.
Snyder, Arthur	Hartford, Conn.
Spalding, Keith	Chicago, Ill.
Spaulding, John F.	Boston, Mass.
Spaulding, William S.	Boston, Mass.
Stephan, S. A.	Cincinnati, Ohio
Stevens, Olin J.	New York City
Stillwell, Lewis B.	Lakewood, N. J.
Stone, E. E.	Cleveland, Ohio
Stonebridge, Charles H.	New York City
Sturgis, Charles W.	Boston, Mass.
Stuyvesant, Rutherford	New York City
Sullivan, Thomas H.	Worcester, Mass.
Swan, Miss F. G.	New York City
Taylor, F. W.	Worcester, Mass.
Taylor, Lieut.-Commander M. M.	Boston, Mass.
Taylor, R. F.	Worcester, Mass.
Thaw, Miss Henrietta	New York City
Thayer, Charles M.	Worcester, Mass.
Townsend, Miss Amy	New York City
Townsend, Charles C.	Philadelphia, Pa.
Townsend, Dr. Charles W.	Boston, Mass.
Trowbrigde, Miss Louise A.	New York City
Trull, W. A.	Boston, Mass.
Tuckerman, Walter R.	Washington, D. C.
Upham, George B.	Boston, Mass.
Vincent, Dr. Beth	Boston, Mass.
Voorhees, Theodore	Philadelphia, Pa.
Walker, Charles C.	Boston, Mass.
Wattles, W. W.	Pittsburgh, Pa.
Wharton, J. S. L.	Philadelphia, Pa.
Wheeler, Alexander H.	Bryn Mawr, Pa.
Whelen, William B.	Philadelphia, Pa.
White, John Jay, Jr.	New York City
Whitin, Arthur	Whitinsville, Mass.
Whitin, Marston	Whitinsville, Mass.
Whitney, Caspar	New York City
Whittall, M. J.	Worcester, Mass.
Williams, Clark	New York City
Witter, Henry M.	Worcester, Mass.
Wood, O. B.	Worcester, Mass.
Wood, Stuart	Philadelphia, Pa.

Woodward, Dr. F. L.	Worcester, Mass.
Wright, William Redwood	Philadelphia, Pa.
Young, Gen. S. B. M.	Washington, D. C.
Zimmerman, Mason W.	Philadelphia, Pa.

ASSOCIATE MEMBERS

Abbot, Clinton G.	New York City
Abbot, G.	Boston, Mass.
Ahrens, Mrs. George Adolph	Baltimore, Md.
Aichel, Oskar	Portsmouth, Md.
Allen, Frank C.	Boston, Mass.
Andrews, Gen. Geo. L.	Washington, D. C.
Armstrong, L. O.	Montreal, Canada
Bailey, Vernon	Washington, D. C.
Baldwin, F. F.	Boston, Mass.
Banks, A. Bleecker	New York City
Banks, Miss M. B.	Westport, Conn.
Barnard, George D.	St. Louis, Mo.
Barnard, Job	Washington, D. C.
Barron, Geo. D.	Rye, N. Y.
Bartlett, Edward B.	Portsmouth, N. H.
Bartlett, R. T.	Woodsville, N. H.
Barton, Dr. B. W.	Middleburg, Va.
Baynes, Mrs. Ernest Harold	Meriden, N. H.
Beidleman, Henry H.	New York City
Bell, Philip T.	Hudson, N. Y.
Bell, Traylor W.	Oakland, Cal.
Betts, John F.	St. Louis, Mo.
Birdsall, Augusta B.	Glen Cove, Long Island, N. Y.
Black, James D.	Jobstown, N. J.
Blair, John S.	Washington, D. C.
Blair, Lyman	Greenville, Maine
Bliss, Henry E.	New York City
Boardman, Samuel M.	Hyde Park, Mass.
Boggs, Edward M.	Oakland, Cal.
Boland, Mrs. John L.	St. Louis, Mo.
Bolles, Alfred P.	East Orange, N. J.
Bolles, William P.	Boston, Mass.
Bond, A. Huidekoper	New York City
Booraem, Robert E.	New York City
Booraem, R. M.	Denver, Col.
Bowlen, Miss T.	Cincinnati, Ohio
Boyd, Everett F.	Mansfield, Mass.
Mossom Boyd Co.	Ontario, Canada
Boylston, Joseph	Porstmouth, N. H.
Brayton, Henry	Santa Rosa, Cal.
Breck, Thomas A.	Maynard, Mass.
Brewster, Frank	Boston, Mass.

Brewster, William	Cambridge, Mass.
Bristol, Jno. I. D.	New York City
Brokaw, George	New York City
Brooks, Henry	Concord, Mass.
Brower, Charles de Hart	New York City
Brown, Lawrason, M. D.	Trudeau, N. Y.
Buckler, C. E.	Melrose, Mass.
Buddy, Lewis, 3rd	East Orange, N. J.
Bullard, R. E.	Boston, Mass.
Butler, Charles S.	New York City
Buzzard, S. O.	Wilmington, Del.
Callender, W. R.	Providence, R. I.
Carey, Henry R.	Cambridge, Mass.
Carpenter, Dr. G. C.	Lowell, Mass.
Carpenter, J. S.	Washington, D. C.
Carpenter, Dr. M. A.	Lowell, Mass.
Carrier, P. S.	Middletown, Conn.
Carroll, P. A.	Ellicott City, Md.
Carson, Robert D.	Germantown, Pa.
Carter, John H.	Lawrence, Mass.
Cary, Mrs. Elizabeth M. L.	Buffalo, N. Y.
Cary, Thomas	Buffalo, N. Y.
Casement, D. D.	Rainsville, Ohio
Chaffee, Henry S.	Providence, R. I.
Cheney, Charles Edward	Chicago, Ill.
Chessrown, John P.	Pittsburgh, Pa.
Childs, Starling W.	New York City
Chilton, R. S., Jr.	Toronto, Canada
Christian, L. T.	Richmond, Va.
Church, Arthur L.	Philadelphia, Pa.
Clark, Clarence M.	Philadelphia, Pa.
Clark, Edward C.	East Weymouth, Mass.
Clark, Emory W.	Detroit, Mich.
Clark, John B.	New York City
Clark, Mrs. J. M.	Cohassett, Mass.
Clarke, C. M.	Pittsburgh, Pa.
Cleghorn, F. S.	Boston, Mass.
Cleveland, W. B.	South Newbury, Ohio
Clow, H. B.	Chicago, Ill.
Codman, Julian	Boston, Mass.
Coffin, George	Brookline, Mass.
Colburn, W. H.	Everett, Mass.
Collins, Henry H.	Philadelphia, Pa.
Colston, George A.	Baltimore, Md.
Comins, E. F.	Boston, Mass.
Conklin, Frank H.	Philadelphia, Pa.
Conklin, Roland R.	New York City
Cook, Henry Wireman	Minneapolis, Minn.
Corlies, Miss Margaret L.	Philadelphia, Pa.

Cox, R. W. . . . . Chicago, Ill.
Crisand, Carl . . . . . Worcester, Mass.
Crosby, Col. John Schuyler . . . . . New York City
Curry, S. S. . . . . Boston, Mass.
Curtin, Dr. Roland G. . . . . Philadelphia, Pa.
Curtis, Charles C. . . . . Chicago, Ill.
Curtis, C. P., Jr. . . . . Boston, Mass.
Cuthbert, M. F. . . . . Washington, D. C.
Daniels, Richard H. . . . . Boston, Mass.
Darling, James L. . . . . East Hartford, Conn.
Davenport, Charles B., Cold Spring Harbor, Long Island, N. Y.
Davenport, Elizabeth B. . . . . Brattleboro, Vt.
Davis, Miss Etta A. . . . . Oxford, Mass.
Davis, Harold H. . . . . Southford, Conn.
Dean, Charles A. . . . . Boston, Mass.
DeKay, Charles . . . . . New York City
Delabarre, Frank A. . . . . Boston, Mass.
Delafield, John Ross . . . . . New York City
Derby, Lucius A. . . . . Lowell, Mass.
Dewez, Leon . . . . . Paris, France
Dickey, H. W. . . . . Kalispell, Mont.
Dimock, A. W. . . . . Peekamose, N. Y.
Dimock, Julian A. . . . . Peekamose, N. Y.
Dorrance, Samuel W. . . . . Providence, R. I.
Dudley, H. L. . . . . Yonkers, N. Y.
Dunn, John, Jr. . . . . Richmond, Va.
Dunsmore, F. O. . . . . Minneapolis, Minn.
DuPont, Mrs. T. Coleman . . . . . Wilmington, Del.
Durfee, Mrs. A. G. . . . . Wickford, R. I.
Edmonds, John W. . . . . New York City
Elliott, Howard . . . . . St. Paul, Minn.
Elliott, Mrs. L. P. . . . . Newton Highlands, Mass.
Ellis, R. N. . . . . New York City
Ells, George P. . . . . Norwalk, Conn.
Embury, Miss Emma C. . . . . New York City
Emerson, H. L. . . . . Stoneham, Mass.
Evans, Charles . . . . . Philadelphia, Pa.
Evans, Charles N. . . . . Wilmington, N. C.
Farwell, Mrs. John W., Jr. . . . . Lake Forest, Ill.
Fell, Edward R. . . . . Philadelphia, Pa.
Fenno, L. Carteret . . . . . Boston, Mass.
Ferguson, C. V. . . . . Cambridge, Mass.
Fernald, Dr. A. . . . . Boston, Mass.
Ferris, Dr. Albert Warren . . . . . Albany, N. Y.
Finley, John . . . . . New York City
Fleming, R. . . . . Swampscott, Mass.
Foss, Granville E. . . . . North Andover, Mass.
Fowler, Miss Silvie de Grasse . . . Washington, D. C.
Freeman, Dr. Walter J. . . . . Philadelphia, Pa.

Gallatin, Albert Eugene	New York City
Gardner, Joseph A.	West Somerville, Mass.
Garrard, George Wood	Frontenac, Minn.
Garrett, John W.	Baltimore, Md.
Gavitt, W. S.	Lyons, N. Y.
Geenan, Mrs. Josephine M.	New York City
Gerould, Prof. John H.	Hanover, N. H.
Gillett, R. H.	Troy, N. Y.
Gillette, Edwin F.	Chicago, Ill.
Gillis, James W.	Buffalo, N. Y.
Godeffroy, S. E. H.	Godeffroy, N. Y.
Goethe, C. M.	Sacramento, Cal.
Goodwin, Walter L.	Hartford, Conn.
Gore, Charles H.	St. Louis, Mo.
Gould, Robert D.	Fitchburg, Mass.
Grant, Rev. Percy S.	New York City
Gray, Albert Z.	New York City
Gray, Roland	Boston, Mass.
Grayson, Charles P.	Philadelphia, Pa.
Griffith, Warren G.	Philadelphia, Pa.
Groome, H. C.	Warrentown, Va.
Gummey, Brinckle	Atlantic City, N. J.
Hagemeyer, Arthur H.	New York City
Hagner, Alexander B.	Washington, D. C.
Hannaford, C. W.	Porstmouth, N. H.
Hansell, R. B.	Pittsburgh, Pa.
Harbison, Ralph W.	Philadelphia, Pa.
Harbough, C. T.	Sewickley, Pa.
Hardie, Wainwright	New York City
Harlan, W. C.	Hamilton, Mont.
Harris, Montgomery	Philadelphia, Pa.
Hart, Henry W.	Boston, Mass.
Hart, W. O.	New Orleans, La.
Hathaway, Thomas S.	New Bedford, Mass.
Haupt, Louis, M. D.	New York City
Havemeyer, John C.	Yonkers, N. Y.
Hegeman, Miss A. M.	Pittsburgh, Pa.
Henckel, Mrs. Reynolds	New York City
Hewlett, Walter J.	New York City
Hexoni, Chas. Philip	Decorah, Iowa
Higbee, Harry G.	Hyde Park, Mass.
Higginson, James J.	New York City
Hill, Dr. Howard Kennedy	Philadelphia, Pa.
Hilles, W. S.	Baltimore, Md.
Hindelkoper, Wallis	Melville, Mont.
Hodge, Thomas L.	Philadelphia, Pa.
Holmes, J. A.	St. Louis, Mo.
Holmes, Hon. O. W.	Newton, Mass.
Hopkins, Woodworth	Boston, Mass.

Horton, Arthur E.	Lexington, Mass.
Houston, H. E.	Whitefish, Mont.
Howe, Merwin	Evanston, Ill.
Howe, W. P.	Evanston, Ill.
Howell, Richard L.	New York City
Huidekoper, Edgar	Meadville, Pa.
Humphries, Richard C.	Upham's Corner, Mass.
Hunneman, Miss F. H.	Roxbury, Mass.
Hunt, Miss Ella M.	Pasadena, Cal.
Hunt, Dr. Elizabeth W.	Pasadena, Cal.
Hunt, Miss Emily G.	Pasadena, Cal.
Hurd, Edward A.	Milton, Mass.
Hyde, Mrs. Arnold S.	Baltimore, Md.
Ireland, John B.	New York City
Ireland, Robert Livingston, Jr.	Cleveland, Ohio
Johnson, A. Ernest	Concord, N. H.
Johnson, Frank W.	Chicago, Ill.
Johnson, Herbert	Boston, Mass.
Kalbfus, Dr. Joseph	Harrisburg, Pa.
Keiser, Robert H.	St. Louis, Mo.
Kelly, Joseph A.	Pittsburgh, Pa.
Kelly, Luther S.	San Carlos, Ariz.
Key, Edward	Baltimore, Md.
Kilvert, Miss Mary A.	Providence, R. I.
King, Henry B.	Augusta, Ga.
King, Wilbur V.	Seymour, Iowa
Kinzer, S. L. B.	Landsdown, Pa.
Kittredge, S. D.	Hastings-on-Hudson, N. Y.
Koehler, Hugo A.	St. Louis, Mo.
Kornreich, Edward	Milwaukee, Wis.
Kune, Chester H.	St. Louis, Mo.
Lambert, H. D.	Beverly, Mass.
Lathrop, Miss M. E.	Greenwich, Conn.
Learned, F. H.	Boston, Mass.
Leech, Mrs. Frank B.	Tuxedo Park, N. Y.
Le Moyne, Francis J.	Pittsburgh, Pa.
Lincoln, Kirke Porter	Pittsburgh, Pa.
Lisle, R. Mason	Paoli, Pa.
Little, Luther	Boston, Mass.
Lockwood, Thomas S.	Boston, Mass.
Longstreth, W. Morris	Philadelphia, Pa.
Longstreth, William W.	Philadelphia, Pa.
Lord, Bertram	Boston, Mass.
Loring, J. Alden	Oswego, N. Y.
Loring, Mrs. S. D.	Chicago, Ill.
Loring, W. C.	Boston, Mass.
Lowell, Miss C. R.	New York City
Macomber, Frank G.	Boston, Mass.
Mann, Matthew D.	Buffalo, N. Y.

Manpin, Miss S. W.	Baltimore, Md.
Mansfield, Perley B.	Lynn, Mass.
Marie, Louis E.	Germantown, Pa.
Martin, Mrs. H. T. de Peyster	Tivoli, N. Y.
Martin, J. Willis	Philadelphia, Pa.
Martin, Phillip L.	Jamaica Plain, Mass.
Matteson, Sumner W.	Minneapolis, Minn.
Matthews, Albert	Boston, Mass.
McClelland, Thomas S.	Chicago, Ill.
McClure, Walter P.	Philadelphia, Pa.
McClure, William B.	Chicago, Ill.
McLane, Mrs. Allan	Washington, D. C.
McLane, Guy R.	New York City
McLean, Marshall	New York City
Mead, Miss Amelia H.	New Haven, Conn.
Mead, Mrs. Gilbert W.	New York City
Means, Cotesworth P.	Atlanta, Ga.
Means, Edward B.	Atlanta, Ga.
Means, Robert M.	Atlanta, Ga.
Means, Robert M., Jr.	Atlanta, Ga.
Means, William M.	Atlanta, Ga.
Merriam, D. A.	Chicago, Ill.
Merrick, Duff	Asheville, N. C.
Miller, Mrs. Morris S.	Forestport, N. Y.
Miller, Dr. R. M.	Boston, Mass.
Miller, R. B.	Dorchester, Mass.
Mills, Mrs. Heyworth	Morristown, N. J.
Mitchell, Mrs. J. G.	Brookline, Mass.
Morris, Mrs. Wistar	Overbrook, Pa.
Morrison, William L.	Croydon, N. H.
Morse, A. M.	Pittsburgh, Pa.
Morse, E. K.	Pittsburgh, Pa.
Morse, Miss Margaret	Amherst, Mass.
Morse, Stearns	Lowell, Mass.
Moulton, J. Sidney	Stow, Mass.
Muhlfeld, F. J.	New York City
Myer, Catherine W.	Washington, D. C.
Myers, Mrs. Mary H.	Washington, D. C.
Nagel, Charles	St. Louis, Mo.
Nasmith, Thomas	Lowell, Mass.
Neely, Miss C. B.	Chicago, Ill.
Neff, Nettleton	Richmond, Ind.
Neill, Albert B.	Buffalo, N. Y.
Newbold, John D.	Norristown, Pa.
Newton, Francis	New York City
Nichols, Mrs. Asher P.	Buffalo, N. Y.
Nichols, Mrs. Charles A.	Providence, R. I.
Nolan, Julian St. J.	Chicago, Ill.
Norman, Gertrude Clark	Newton, Mass.

Norris, M. J.	Portland, Maine
Oaks, P.	Seattle, Wash.
O'Conor, J. C.	New York City
Oppen, W. A.	Stoneham, Mass.
Orr, Isaac H.	St. Louis, Mo.
Osborn, Russell W.	San Francisco, Cal.
Ostrom, Sara C.	Waquoit, Mass.
Paine, Robert T.	Boston, Mass.
Parish, Roswell	Brookline, Mass.
Parker, George S.	Boston, Mass.
Parker, H. S.	Cohassett, Mass.
Parker, Mrs. Y. L.	Union, Iowa
Paul, Arthur	Philadelphia, Pa.
Paul, Henry N., Jr.	Philadelphia, Pa.
Paul, Henry N., 3rd	Philadelphia, Pa.
Paul, John R.	Philadelphia, Pa.
Paul, Samuel Hollingsworth	Philadelphia, Pa.
Paul, William A. B.	Philadelphia, Pa.
Pelham, George F.	New York City
Pequignet, James L.	Philadelphia, Pa.
Perkins, Charles E.	Burlington, Iowa
Perot, Mrs. Charles P.	Longport, N. J.
Peters, A. S.	Lake Wilson, Minn.
Peterson, Thomas	Pawnee, Ill.
Pettit, Horace	Philadelphia, Pa.
Pfeiffer, George	Hoboken, N. J.
Phelps, Carter	Concord, N. H.
Philbrick, A. L.	West Somerville, Mass.
Piper, Francis	Arlington Heights, Mass.
Piper, Mrs. Francis	Arlington Heights, Mass.
Plummer, Walter E.	New Bedford, Mass.
Poor, James R.	Boston, Mass.
Poor, Mrs. James R.	Boston, Mass.
Pope, George A.	Baltimore, Md.
Porter, A. J.	Niagara Falls, N. Y.
Powers, Thomas Harris	Philadelphia, Pa.
Price, J. Sargent, Jr.	Philadelphia, Pa.
Purdie, Henry A.	Boston, Mass.
Putnam, G. P.	New York City
Randlett, G. F.	Boston, Mass.
Record, Samuel J.	Washington, D. C.
Reynolds, J. P.	Boston, Mass.
Rice, Charles I.	Worcester, Mass.
Richards, Bartlett	Ellsworth, Neb.
Richardson, Mrs. J. Clifford	New York City
Richmond, Donald	Brockton, Mass.
Richmond, Fred. P.	Brockton, Mass.
Ripley, Edward H.	New York City
Ritchie, Mrs. Craig D.	Philadelphia, Pa.

Roberts, Frances A.	Baba, Pa.
Roberts, H. Radcliffe	Villa Nova, Pa.
Rogers, Dudley P.	Boston, Mass.
Ropes, Miss Elizabeth	Salem, Mass.
Rowe, L. A.	Manchester, N. H.
Rugg, Harold G.	Hanover, N. H.
Runnells, Miss Alice R.	Chicago, Ill.
Russell, A. Le Baron	Boston, Mass.
Russell, Mrs. Mary A.	Brockton, Mass.
Rutter, Dr. Rogers	Lawrence, Mass.
Safford, Miss A.	Melrose, Mass.
St. Gaudens, Homer	Windsor, Vt.
St. John, William H.	Hartford, Conn.
Saltonstall, R. M.	Boston, Mass.
Saunders, Charles G.	Boston, Mass.
Scanlan, Philip C.	St. Louis, Mo.
Schuckman, W. R.	Pittsburgh, Pa.
Schulte, Frank A.	Calumet, Mich.
Schuyler, Rev. Livingston Rowe	Scarsdale, N. Y.
Scott, Stuart	New York City
Scully, H. R.	Pittsburgh, Pa.
Sears, Richard	Boston, Mass.
Shepard, Miss Emily B.	Brookline, Mass.
Shields, G. O.	New York City
Simonds, George H.	North Andover, Mass.
Slamin, P. H.	Boston, Mass.
Smith, Albert W.	Providence, R. I.
Smith, Datus C.	Kinderhook, N. Y.
Smith, Holmes	St. Louis, Mo.
Smith, Walter George	Philadelphia, Pa.
Smith, Dr. William Lord	Boston, Mass.
Souther, John F.	Arlington, Mass.
Souther, Mrs. John F.	Arlington, Mass.
Sparrell, C. H.	Worcester, Mass.
Sprague, Isaac	Wellesley Hills, Mass.
Spurrell, John R.	Wall Lake, Iowa
Stearns, Charles H.	Brookline, Mass.
Stearns, H. B.	Westwood, Mass.
Steele, Mrs. S. Taggart	Baltimore, Md.
Stevenson, Anna P.	Philadelphia, Pa.
Stickney, Robert Adams	St. Paul, Minn.
Stillman, Dr. W. O.	Albany, N. Y.
Stimson, Mrs. Geo. W.	Atlantic City, N. J.
Stone, Charles A.	Boston, Mass.
Stone, Charles W.	Boston, Mass.
Stone, Thomas F.	Danvers, Mass.
Stovell, Charles L.	Haverford, Pa.
Sullivan, Mrs. James	New York City
Sutro, Victor	New York City

Swift, Miss Nellie H.	Middleboro, Mass.
Syms, Dr. Parker	New York City
Taylor, J. Y.	Washington, D. C.
Taylor, Knox	High Bridge, N. Y.
Taylor, Nelson	New York City
Ten Broeck, Charles	Rhinebeck, N. Y.
Terry, John H.	St. Louis, Mo.
Thayer, Sidney	Philadelphia, Pa.
Thom, De Courcey W.	Baltimore, Md.
Thompson, H. H.	Passaic, N. J.
Thorne, S. B.	Philadelphia, Pa.
Tomkinson, E. V.	Lebanon, N. H.
Tower, Miss Sarah L.	St. Louis, Mo.
Townsend, Dr. A. F.	Worcester, Mass.
Townsend, Charles H.	Battery Park, N. Y.
Townsend, Everett	Boston, Mass.
Townsend, E. M.	Oyster Bay, N. Y.
Trask, Mrs. John E. D.	Germantown, Pa.
Trotter, William Henry	Philadelphia, Pa.
Trowbridge, William B.	Saranac Lake, N. Y.
Tuveson, Nels A.	Weston, Neb.
Turnbull, Dr. Charles S.	Philadelphia, Pa.
Turney, J. B.	Fernie, B. C.
Turney, Mrs. J. B.	Fernie, B. C.
Upham, Miss Katherine D.	Claremont, N. H.
Upham, Preston	Boston, Mass.
Upton, Charles T.	Lowell, Mass.
Van Name, Dr. Willard G.	New Haven, Conn.
Van Santvoord, Seymour	Troy, N. Y.
Van Wort, Miss Helen I.	Sands Point, Long Island, N. Y.
Van Wort, Miss S. I.	Sands Point, Long Island, N. Y.
Very, Nathaniel T.	Salem, Mass.
Vicars, John	Kamloops, B. C.
Viles, Blaine S.	Newport, N. H.
Wainwright, Mrs. Frances C.	Milton, Mass.
Waitt, Edward P.	Melrose, Mass.
Walpole Humane Society	Walpole, N. H.
Walsh, Edward	St. Louis, Mo.
Webster, Edwin S.	Boston, Mass.
Webster, L. F.	Wellington, Ohio
Weeks, Andrew Grey	Boston, Mass.
Whitaker, O. W.	Philadelphia, Pa.
White, Mrs. Caroline E.	Philadelphia, Pa.
White, Richard J.	Baltimore, Md.
Whitney, M. B.	Westfield, Mass.
Whitney, Mrs. M. B.	Westfield, Mass.
Whittemore, F. Churchill	St. Louis, Mo.
Whittemore, Jos. P.	Galesbury, N. D.
Wickes, Frank R.	East Orange, N. J.

Wiggins, Charles	Hyannisport, Mass.
Williams, Henry B.	Boston, Mass.
Willits, F. E.	Glen Cove, Long Island, N. Y.
Willock, J. Scott	Pittsburgh, Pa.
Wilmot, Miss Dora Aldrich	Somerville, Mass.
Wilson, Alan D.	Philadelphia, Pa.
Wing, Charles F., Jr.	New Bedford, Mass.
Winterbotham, Joseph	Chicago, Ill.
Wise, John C.	Washington, D. C.
Wister, Miss H. L.	Germantown, Pa.
Wolcott, Miss Cornelia F.	Readville, Mass.
Wolcott, Oliver	Readville, Mass.
Wood, E. A.	Athol, Mass.
Woods, Lawrence Crane, Jr.	Sewickley, Pa.
Woodward, Prof. C. M.	St. Louis, Mo.
Wright, E. C.	Newark, Ohio
Zeller, Mrs. L. M.	Washington, D. C.

*P4-AJL6-SB
72-30T
B-T
C

SMITHSONIAN INSTITUTION LIBRARIES
3 9088 01297 8763